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OFFICIAL NEWSLETTER OF THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

VOLUME XLIV NUMBER 1

CLUB STATION W6CUS

JANUARY 1991

COMING EVENTS:



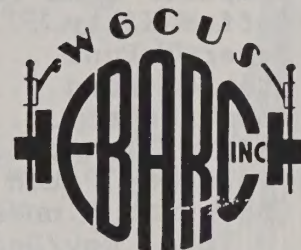
Jan 11 7:00 PM ARES/RACES Meeting

8:00 PM East Bay ARC Meeting

Speaker Allan L. Spivak

Subject: NASA Shuttle

Communications Network



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

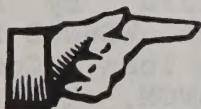
THE EAST BAY AMATEUR RADIO CLUB, Inc.

Post Office Box 1393

El Cerrito, CA 94530

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TREASURER'S REPORT NOV/DEC 1990

NOV/DEC INCOME:

Membership Renewals:

KA6OLK, N6JNK, N6MNL, N6SPY,
N6DIG, WD6GGC, WA6BRL, WA6QJT,
KA6SOC, KB6NDF, KB6NOY,
KB6UYP, KC6JXB, WB6IZE,
KC6ODE, KC6MNZ, AA6UX,
NU6W, W6THO, N6VOM, WI6O,
J. Schmidt.....\$440.00

New Member:

Robert Szentimrey.....20.00

Family Membership:

Joe and Stella Lee.....24.00

Computer Fund (Station Fund)...26.00

Coffee Kitty.....12.44

General Fund.....16.28

Station Fund.....4.41

Room Rental.....31.00

Raffle Ticket Sales.....69.00

Field Day Patch Sales.....1.00

Christmas Dinner Receipts....660.00

Total Nov/Dec Income.....\$1304.13

NOV/DEC Disbursements:

Blown Fuse Printing (Nov).....\$58.30

Blown Fuse Postage (Nov).....31.25

Blown Fuse Printing (Dec).....57.91

Blown Fuse Postage (Dec).....31.25

Refreshments.....10.19

ARRL Video Shipping Fee.....3.97

Certificate Copies.....3.15

Club Seal Press.....40.22

Station Supplies (R. Muse)....44.97

Room Rental.....53.00

Station Supplies (W. Nance)....30.00

Dinner for Guest Speaker.....20.00

Poinsettias for Xmas Dinner....32.14

Persimmon Tree Restaurant....744.00

Station Equip. Insurance.....160.11

Club Liability Insurance.....262.00

Total Nov/Dec Disbsmts...\$1582.52

BANK OF THE WEST ACCOUNTS:

General Fund (Checking)..... \$674.26

Station Fund (Savings).....\$1156.79

Remember to Feed the Kitty.

Gordy Parsons, NU6W
EBARC Treasurer

By now, most of you are aware that the FCC has approved a "No Code" Technician License to be implemented sometime in February. This license will have all privileges above 30 Mhz. In order to have HF privileges as the current Technician, one must pass the 5 WPM code test. Details are sketchy at this point in time. Full particulars will be forthcoming in the various Amateur publications.

See page 4

The speaker at the coming meeting will be Allan L. Spivak, who will talk on the NASA Shuttle Communications Network.

There will be an Amateur Radio test session on February 9 at the Richmond Red Cross, starting at 9 AM. Exams will be given for all license classes, including the new No Code Technician class. The fee will be \$5.25 except for the Novice which is free. Please have some form of photographic identification. For those upgrading, bring a photocopy of your current license.

The Club welcomes new member, Chris Wimmer, KC6OCY. Chris holds a Technician Grade license.

This is just a reminder that the topic for the speaker at the February meeting will be Packet Radio. Those who are interested in getting into Packet Radio would do well to prepare by reading "Introduction to Packet Radio" by Larry Kenny, WB9LOZ. Joe Lee, WB6DOB has some copies available on loan. Contact Joe or Rick Muse, N6VOM, to find out how this booklet may be obtained on a printer through Packet Radio (if you know someone who has Packet facilities).

DECEMBER 15, 1990
TEST SESSION RESULTS

Many thanks to the following for making the ARRL V.E. test session a success: AA6UX, AA6VL, K6APW, W6THD, WB6DOB, N6VMK & KK6IJ. The session had 16 people who took the various exams with the following results:

Extra: K6KAP
Advanced: KC6JET
 KC6OBU
General: N6YPW
 KC6NMZ
Technician: Andrew Bell (no call)
 Melonie Marty (no call)
 James Machado (no call)
 Glenn Adams (no call)

Several of the above and several of the other attendees passed elements for higher class licenses.

THE NEXT SCHEDULED TEST SESSION WILL BE ON SATURDAY, FEBRUARY 09, 1991 AT THE RICHMOND RED CROSS. THE NEW FEE WILL BE \$5.25, AS SET BY THE ARRL.

PUBLIC NOTICE

F.C.C. OFFICE MOVES

The San Francisco office of the F.C.C. will be moving into a new facility, located in Hayward, on January 02, 1991. The office hours for the public will continue to be from 8:00 a.m. to 4:30 p.m.

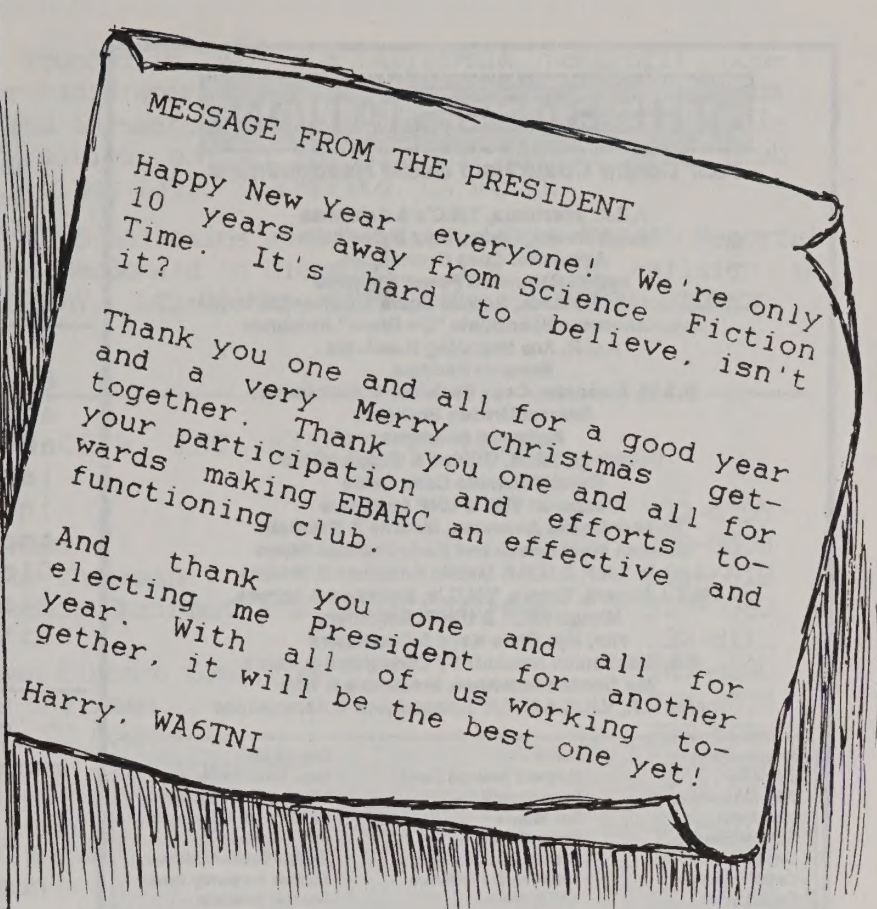
NEW ADDRESS & TELEPHONE NUMBERS

San Francisco Office
Federal Communications Commission
3777 Depot Road, Room 420
Hayward, CA 94545-2756

Recorded Information:
(415) 732-1716

Public Number:
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FTS:
(415) 536-7300



We were overwhelmed by the attendance at our Christmas Party Dinner. At the posted deadline, we had 30 confirmed reservations and 63 showed up for the dinner. It was a great turnout and the Persimmon Tree Restaurant should be commended for the manner in which they handled such an overflow, and we thank them. Most restaurants are prepared to handle about a 10% overflow.

The food was excellent, and everyone seemed to enjoy themselves in spite of a few minor inconveniences.

The new officers were installed and award certificates were passed out.

We had the usual raffle with several prizes. The main prize, an Iambic Paddle, was won by Rick Muse, N6VOM. The poinsettia table decorations were given away by lottery.

And so we end our year with another successful Christmas Dinner!

THE BASE STATION

Your Contra Costa Ham Radio Headquarters

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**ARRL BULLETIN 54 ARLB054
 FROM ARRL HEADQUARTERS
 NEWINGTON CT DECEMBER 13, 1990
 TO ALL RADIO AMATEURS**

FCC announced on December 13 that new Technician Class license applicants will not have to demonstrate Morse code proficiency in order to have all privileges above 30 MHz. Implementation is expected by February, 1991. Techs who obtain their licenses prior to that date will be grandfathered, meaning they will continue to have their present HF privileges.

The codeless Technician written exam will have 55 questions. New Technicians wanting HF privileges will be required to hold a CSCE for element 1A, that is 5 WPM, which must be administered by three accredited VEs. There will be no call sign designator to indicate whether or not a Technician has passed a code test, but FCC will have records of who has passed.

More details will be forthcoming in February QST.

ARES/RACES NET CONTROL SCHEDULE

Net Control

Dave Tyler N6DRT 01-17-91
 Gordon Firestein KC6JAE 01-24-91
 Graeme Welch W6JRZ 01-31-91
 Rachel Lewellen KB6LHR 02-07-91

Alternate

Gordon Firestein KC6JAE
 Graeme Welch W6JRZ
 Rachel Lewellen KB6LHR
 John Billones WD6GGC

Education Chairman, Kit, KB6JZM, announces that Amateur Radio Classes are tentitavely scheduled to start in late January or early February. This includes Novice and upgrading classes including the new No Code Technician Class. Packet Radio Classes are also planned. For more information, call Kit at 222-1810.

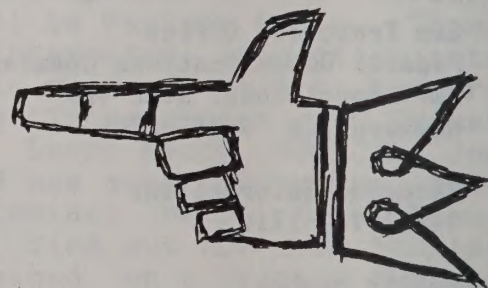
1991 Club dues are now payable.

Regular Membership.....\$20.00
 Family Membership.....24.00

See Treasurer, Gordy, NU6W.

Don't forget to participate in our Club Nets:

Slow CW Net, Wed 8 PM 21.115 Mhz
 SSB Net, Wed 9 PM 28.395 Mhz
 440 Net, Tue 7:30 PM 444.450 Mhz
 P1 127.3



The EAST BAY AMATEUR RADIO CLUB, Inc., founded in 1947 is a California nonprofit, non-stock corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any East Bay Amateur Radio Club official listed below, or write EBARC, P.O.Box 1393, El Cerrito, CA 94530.

At present, the East Bay Amateur Radio Club maintains a club station: the WA6JSO Memorial Station, at the Richmond Red Cross, 32nd & MacDonald in Richmond. The Club callsign is W6CUS. W6CUS-1 PACKET VHF/HF BBS GATEWAY, 145.09 Mhz, 223.52 Mhz.; N6EEG PACKET VHF/HF GATEWAY, 10.147 Mhz, 144.97 Mhz.

1991 EAST BAY AMATEUR RADIO CLUB, INC. EXECUTIVE BOARD

Harry Bier WA6TNI President	372-6755
Sam Watson N6VIF 1st VP, Program Chairman	223-6408
Craig Jordan KB6EJL 2nd VP, Hospitality Chairman	526-6818
Gordon Firestein KC6JAE 3rd VP, Membership Chairman, Publicity Chairman	527-9382
John Percival WI6O Secretary	232-8111
Gordon Parsons NU6W Treasurer, Chairman Finance Committee	785-4290
Joe Lee WB6DOB, W6CUS Trustee, Awards Chairman	724-0533
Rachel Lewellen KB6LHR, ARES/RACES EC, CC County	233-5034
Bob Hughes N6SPY, RFI Committee Chairman, Asst Treasurer	527-7048
Rick Muse N6VOM, Digital Communications Chairman	524-7151
Dave Tyler N6DRT, Public Service Chairman	525-6200
Kit Chantarotwong KB6JZM, Education Chairman, Chief Elmer	222-1810
Will Nance AA6VL, Club Station Chairman	524-9231
Allen Smith AA6UX, Club Historian	524-9231
Al Streit KG6HF, Tax and Legan Adviser	525-5743
John Billones WD6GGC, Blown Fuse Editor, Publications Chairman	237-1272
Betty Baldo KB6P, Member-at-Large	653-1650
Doug Cain N6JNK, Member-at-Large	237-3294
Ralph Hall W6EFD, Member-at-Large	232-0727
Leo Lewis WA6ZFY, Member-at-Large	232-9492

AMATEUR RADIO NETS

Net	Days	Local Time	Freq-Mhz
EAST BAY AMATEUR RADIO CLUB SLOW CW NET	Weds	2000	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	Weds	2100	28.395
EAST BAY AMATEUR RADIO CLUB UHF NET	Tues	1930 (PL 127.3)	444.450
West Contra Costa County ARES/RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1920	147.48S
Contra Costa Communications Club Net	Thurs	1930	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mon-Fri	1600	145.110

The BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. The BLOWN FUSE welcomes articles of interest to its members and Amateur Radio in general. The BLOWN FUSE reserves the right to edit or reject any material submitted. Material submitted becomes the property of the BLOWN FUSE. Permission is hereby granted to reproduce articles printed herewith provided proper acknowledgement is given. Publishing and layout by Editor, John Billones, WD6GGC. (Golden Gate Charlie)

Deadline for February Issue: January 25

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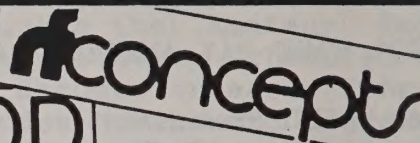
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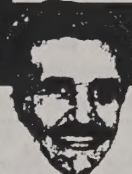
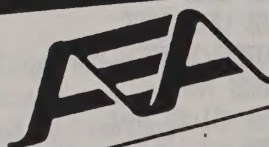
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THE BLOWN FUSE

VOLUME XLIV NUMBER 2

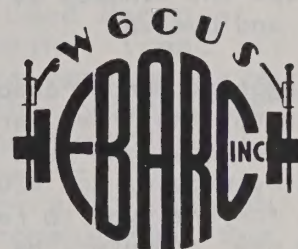
CLUB STATION W6CUS

FEBRUARY 1991

COMING EVENTS:



Feb 8 7:00 PM ARES/RACES Meeting
8:00 PM East Bay ARC Meeting
Speakers:
Brad Watson WA6AEO
Dennis Matzen KA6FUB
Subject:
Introduction to Packet Radio



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

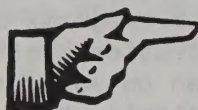
THE EAST BAY AMATEUR RADIO CLUB, Inc.

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GENERAL MEETING MINUTES
January 11, 1991

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:02pm by President Harry Bier, WA6TNI.

Guests: Tom Bennett, KC6ONS, Margie Cernell, Marian Gade, KC6OBK, Jerry Michaels, K6KOP, Rob Sellin, Alan Spivak, KC6JZN, and Bill Young.

Secretary: The minutes of the November meeting, as printed in the Dec. Blown Fuse, were read by John Percival, WI6O. A motion to accept the minutes as read was made, seconded, and passed.

Treasurer: Gordy Parsons, NU6W, made corrections to the Treasurer's report for November and December. He said our liability insurance has been paid, and \$50 has been donated thus far for the fund to reimburse Gerry White for the new computer. He also reminded everyone that membership dues for 1991 should be paid.

Publicity: Gordon Firestein, KC6JAE, said our next Novice/Technician classes will be publicized in the West County Times on the next two Saturdays, (Jan. 12th and 19th).

Club Station: Will Nance AA6VL reported that the station needs an SWR/power meter for 3 to 450 MHz. There is also a need for coax.

Digital Committee: Rick Muse, N6VOM, chairman of the Digital Communications Committee, reports that the program at our February meeting will be an "Introduction to Packet". The March meeting will then have a followup program on Packet. Rick asked how many of our members who have computers with a modem would be interested in using telephone access to our packet BBS. He said the BBS is working very well now.

Education: There was a lot of news this month from the Education Committee. In addition the the packet programs planned for our next two meetings, Kit is planning a "hands-on" packet radio class to be given at Pinole Valley High School. It will be two Wednesday night sessions, Jan. 23rd and 30th from 7 to 9pm. Kit reports that a Novice/Tech class will

begin Jan. 28th, 7-9pm at P.V.H.S. and continuing on Mondays. A code upgrade class will start Monday, Jan 21, 7:30pm at the Richmond Red Cross. Art McLaughlin, W6THD, will give an Advanced theory class starting Wednesday, Feb. 6, at 7pm. This class is also scheduled at P.V.H.S. There will be a VE test session given on February 9th, 9am at the Richmond Red Cross.

Tax Exempt Ad Hoc Committee: Chris Baldo, AI6S, said that his committee will continue studying our tax exempt status. The Club's Articles of Incorporation will be reviewed.

Old Business: There was discussion of the Club Station access question. With the ideal goal being to have 24hour access for all members, Harry expressed concerns over safety, security, and possible loss of equipment. Efforts will be made to look for possible new locations for our club station and emergency operations center.

New Business: Harry said he is forming a Social Committee to take over planning of all events such as picnic, Christmas Dinner, etc. Vern Orme, AA6YE, will chair the committee. The Housing committee will be re-established. Bob DiSilverio, KK6IJ, will be Field Day Chairman this year. He said we expect to use Albany Hill again this year and that planning should begin soon.

Program: Harry introduced Alan Spivak, KC6JZN, as our guest speaker for the evening. Alan is an engineer at the NASA Ames Research Center. In a change from the pre-announced topic, Alan spoke to the group about cryogenics as used in electronic sensors and radio receiving. The cooling of sensors and receiver front ends is done to reduce noise. Alan described his work on various space research programs and gave some interesting demonstrations of the effect of liquid nitrogen on some common electronic devices. After Alan's talk, he was presented with an EBARC certificate of appreciation.

The meeting was adjourned at 10:03pm.
John Percival, WI6O, Secretary.

TREASURER'S REPORT - JANUARY 1991

JANUARY INCOME:

New Members: Chris Wimmer KC6OCY,
Jean-Pierre Heulin KC6JET.
Paul Lee N6YPW. Thomas
Bennet KC6ONS.....\$80.00
Membership Renewals:
N6VGA. AA6YE. N6YGX. N6AVB.
N6IIW. KC6KAS. WD6AKC,
N6WVR. K3MHD.....180.00
Memberships Renewals (Dec.)
W6THD. N6VMK. W6EFD.....credit
Family Membership (New)
Trisha N6EAM and
Ken KC6MPE Pritikin.....24.00
ARRL Renewal:
Gary Knox N6WVR.....30.00
Club Station Computer Fund:
Joseph Schmidt
Rex Dieterich N6VUL.....40.00
Coffee Kitty.....15.79
Station Fund.....7.50
General Fund.....21.00
Total Jan. Income.....\$398.29

JANUARY DISBURSEMENTS:

Northbrae Community Church....\$50.00
Blown Fuse Printing.....53.09
Blown Fuse Postage.....32.00
ARRL Renewal.....28.00
WorldRadio (EBARC Renewal)....60.00
Total Jan. Disbursements..\$223.09

BANK OF THE WEST ACCOUNTS:

General Fund (Checking).....\$961.96
Station Fund (Savings).....\$1204.29

Some mistakes were discovered in last month's report. The total for General Fund should have been \$834.26 and total for Station Fund should have been \$1156.79. Please pay your dues if you have not done so. Only about 45% have paid on time.

Remember to Feed the Kitty.

Gordon Parsons NU6W
EBARC Treasurer

NOTES FROM GOLDEN GATE CHARLIE
By John Billones WD6GGC

Please fill out and mail the questionnaire in this issue of the Blown Fuse. Use of the Club Station is an important issue. We need your feedback!

As in Previous years, the Foothill College Flea Market is scheduled to start in March. This event is a field day for scroungers and homebrewers. Many hard to find parts can be located. For non-builders, many bargains can be had in used Ham gear. Even if you're not buying, treat it as a social event, where you can have eyeball contacts with your ham friends. It's quite and experience!

Renew your ARRL membership through the Club. We get a commission. See Treasurer Gordy NU6W.

Don't forget the EBARC nets. See Page 7 for details.

Attention newer members! Part of the enjoyment of belonging to a club is participating in the club's activities. A good way to break in is to attend one of the committee meetings. Remember, one does not have to be a member of a committee to attend their meetings--all Club members are welcome. This includes the Executive Board Meetings. Check with one of the Committee Chairmen for time and place. Don't be bashful--you probably have a talent or skill that we can use.

Kit KB6JZM. Education Chairman, announces that he is accepting applications for an Upgrading Class. If the response warrants, a class will be started. Check with Kit at 222-1810.

There will be an Amateur Radio test session on Saturday, February 9 at the Richmond Red Cross, starting at 9 AM. Tests for Novice through Extra Class will be conducted, including the new No-Code Technician grade. The fee will be \$5.25, except for Novice, which is free. Those upgrading should bring a photocopy of their existing license. All applicants should bring some form of photographic identification.

The Club welcomes the following new members:

Thomas Bennet KC6ONS
Paul Lee N6YPW
Jean-Pierre Heulin KC6JET
Trisha Pritikin N6EAM
Ken Pritikin KC6MPF

Speakers at the coming meeting will be Brad Watson WA6EAO and Dennis Matzen KA6FUB. The subject will be Packet Radio. Those interested would do well to prepare by reading "Introduction to Packet Radio" by Larry Kenny WB9LOZ. See Joe Lee WB6DOB for copies.

As this issue of the Blown Fuse is going to press, a new Novice and Technician training class has gotten under way. We are trying a new approach this time. We are combining the Novice and the Technician instructions. Those interested in No-Code will not have to participate in the code practice. It is hoped that those who pass the Novice test (with code) will be qualified to immediately take the Technician exam at an official VEC Session. The No-code students will also have to be tested at an official VEC Session.

It's official! We now have a No-Code Amateur Radio Licence, to take effect on February 14.

The Commission's Decision in a Nutshell

- The code is dropped from the Technician class license requirements.
- New codeless Techs have all privileges above 30 MHz.
- New Techs will, upon passing a 5-WPM code test before Volunteer Examiners, be issued a Certificate of Successful Completion, allowing them the same HF privileges as the "Old Technicians."
- The Technician written examination remains 55 questions (elements 2 and 3A).
- There will be no special identifier to distinguish "Techs" and "Techs Plus".
- Volunteer examiners are required to notify the FCC of the 5-WPM Morse CSCE issued to new Technicians so the FCC will have this information for enforcement purposes.
- The current Novice class license is retained without modification as an alternate entry point for persons willing to pass a Morse test without taking the more difficult Technician theory exam.
- Current Technicians will be grandfathered, so as not to lose any privileges (including those below 30 MHz, which they share with Novices).

The Club thanks Rich Fish N6IIW for his able efforts in setting up the previous Picnics and Christmas Dinners, as Picnic and Christmas Party Committee Chairman.

When buying new equipment, please patronize our advertisers.

We are making code oscillators, buzzers and code tapes available to the students. Since in previous classes we lost many tapes (at instructor's expense), we will have to require a cash deposit, refundable upon return of the item.

ARES/RACES NET CONTROL SCHEDULE

Net Control		Alternate
John Billones WD6GGC	02-14-91	Ralph Hall W6EFD
Ralph Hall W6EFD	02-21-91	Chris Wong N6JGC
Chris Wong N6JGC	02-28-91	Jim Loughridge WA6BRL
Jim Loughridge WA6BRL	03-07-91	John Percival W160

President Harry, WA6TNI, has created a new committee, the Social Committee, to replace the present Picnic Committee and the Christmas Party Committee. The Social Committee will also handle any other social events that may come up. Vern Orme, KB6OOX, has been named Chairman of the Social Committee.

First Vice-Pres and Program Chairman, Sam Watson, N6VIF, has appointed Joe Lee, WB6DOB, to be on the Program Committee. In this capacity, Joe will handle the programs for 1991.

Attention! The 1991 dues are due! The March meeting is the cut-off date. Anyone not paid up by this time will be dropped from the roster, which Steve Dorst, N6VMK, will be preparing. You must be paid up to be included in this new roster.

The following is a quote by Doug DeMaw W1FB from his book "QRP Notebook".

"I will always maintain that the better part of Amateur Radio is found in the ham workshop. Any licensed operator can buy commercial gear and go on the air. But, the real thrill of QRP operation comes from building your own equipment, innovating and experimenting. That was what radio

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 Butternut Antennas
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 Carol/Columbia Coax Cable
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 Gordon West Books and Code Practice Tapes
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Wire Clamps	Trunk Mounts	Mic Plugs & Connectors
Heat Sinks	Ball Mounts	PL-259's, & N Connectors
Egg Insulators	Guitar Mounts	Headphones
Dog Bone Insulators	Code Practice Oscillators	Flexible Rubber Antennas
Center Insulators	Code Practice Software	Scanner Frequency Books
Copper Wire	S.W.L. Meters	Scanner Antennas

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Our new Field Day Chairman is Bob DiSilverio, KK6IJ. We are sure that Bob will carry on the excellent work done by our previous Chairman, Barry Jennings, N6KMK.



was all about in the beginning," and those who have never experienced the joys of operating with homemade transmitters and receivers have missed the fulfillment that is due them."

A MESSAGE FROM PRESIDENT HARRY, WA6TNI

Over the last few Executive Committee and Club meetings, the question of the use of the Club Station has been under discussion.

In order for the Executive Committee to make recommendations on the use of the Station, which belongs to all of us, it is necessary that each one of you has the opportunity to express your views and opinions. The following questionnaire will make your wishes known, so please fill it out and mail it to our PO Box or bring it to the next club meeting. This way we can take all of your requests and ideas into consideration.

Our Club Station is in excellent condition due to the efforts and dedication of Will Nance, AA6VL, and his great Station Committee. We thank them all most gratefully. Now it's up to us to use it most effectively.

1. Have you ever used the Club Station?

___ Often ___ Sometimes ___ Never

2. If your time permits, would you use it:

___ Yes ___ No ___ Maybe ___ I don't know

3. Should the Station be available 24 hours a day? ___ Yes ___ No

If YES, what restrictions would you place upon its use?

If NO, why?

4. Additional Comments:

OPTIONAL: Name _____ Call _____

The EAST BAY AMATEUR RADIO CLUB, Inc., founded in 1947 is a California nonprofit, non-stock corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any East Bay Amateur Radio Club official listed below, or write EBARC, P.O.Box 1393, El Cerrito, CA 94530.

At present, the East Bay Amateur Radio Club maintains a club station: the WA6JSO Memorial Station, at the Richmond Red Cross, 32nd & MacDonald in Richmond. The Club callsign is W6CUS. W6CUS-1 PACKET VHF/HF BBS GATEWAY, 145.09 Mhz, 223.52 Mhz.; N6EEG PACKET VHF/HF GATEWAY, 10.147 Mhz, 144.97 Mhz.

1991 EAST BAY AMATEUR RADIO CLUB, INC. EXECUTIVE BOARD

Harry Bier WA6TNI President	372-6755
Sam Watson N6VIF 1st VP, Program Chairman	223-6408
Craig Jordan KB6EJL 2nd VP, Hospitality Chairman	526-6818
Gordon Firestein KC6JAE 3rd VP, Membership Chairman, Publicity Chairman	527-9382
John Percival WI6O Secretary	232-8111
Gordon Parsons NU6W Treasurer, Chairman Finance Committee	785-4290
Vern Orme KB6OOX, Social Committee Chairman	233-4504
Bob DiSilverio KK6IJ, Field Day Chairman	420-0115
Joe Lee WB6DOB, W6CUS Trustee, Awards Chairman	724-0533
Rachel Lewellen KB6LHR, ARES/RACES EC, CC County	233-5034
Bob Hughes N6SPY, RFI Committee Chairman, Asst Treasurer	527-7048
Rick Muse N6VOM, Digital Communications Chairman	524-7151
Dave Tyler N6DRT, Public Service Chairman	525-6200
Kit Chantarotwong KB6JZM, Education Chairman, Chief Elmer	222-1810
Will Nance AA6VL, Club Station Chairman	524-9231
Allen Smith AA6UX, Club Historian	524-9231
Al Streit KG6HF, Tax and Legal Adviser	525-5743
John Billones WD6GGC, Blown Fuse Editor, Publications Chairman	237-1272
Betty Baldo KB6P, Member-at-Large	653-1650
Doug Cain N6JNK, Member-at-Large	237-3294
Ralph Hall W6EFD, Member-at-Large	232-0727
Leo Lewis WA6ZFV, Member-at-Large	232-9492

AMATEUR RADIO NETS

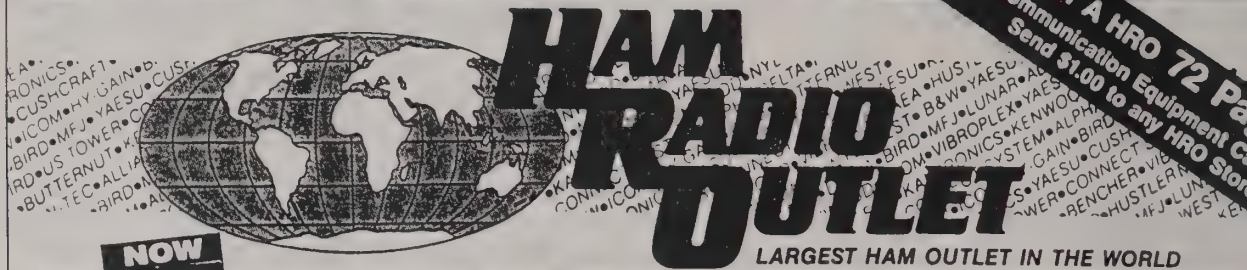
Net	Days	Local Time	Freq-Mhz
EAST BAY AMATEUR RADIO CLUB SLOW CW NET	Weds	2000	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	Weds	2100	28.395
EAST BAY AMATEUR RADIO CLUB UHF NET	Tues	1930 (PL 127.3)	444.450
West Contra Costa County ARES/RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1920	147.485
Contra Costa Communications Club Net	Thurs	1930	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mon-Fri	1600	145.110

The BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. The BLOWN FUSE welcomes articles of interest to its members and Amateur Radio in general. The BLOWN FUSE reserves the right to edit or reject any material submitted. Material submitted becomes the property of the BLOWN FUSE. Permission is hereby granted to reproduce articles printed herewith provided proper acknowledgement is given. Publishing and layout by Editor, John Billones, WD6GGC. (Golden Gate Charlie)

Deadline for March Issue: February 22

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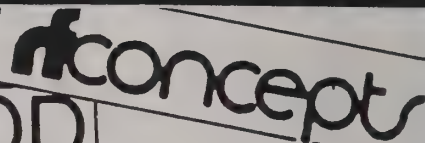
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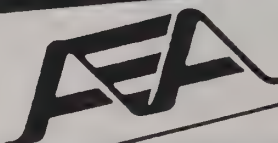
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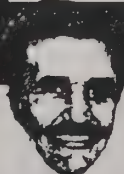


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OFFICIAL NEWSLETTER OF THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

VOLUME XLIV NUMBER 3

CLUB STATION W6CUS

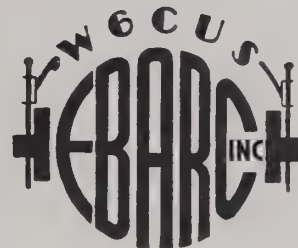
MARCH 1991

COMING EVENTS:



March 8 7:30 PM ARES/RACES Meeting
8:00 PM East Bay ARC Meeting
Speaker:
Mach Myovich, K6KAD
Subject: Packet Radio

March 9 8:00 AM Flea Market
Foothill College, Los Altos



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

**THE EAST BAY AMATEUR RADIO CLUB, Inc.
Post Office Box 1393
El Cerrito, CA 94530**

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GENERAL MEETING MINUTES
February 8, 1991

regular meeting of the East Bay Amateur Radio Club was called to order at 8:05pm by President Harry Bier, WA6TNI. Harry introduced guest Dave Newman N6VIK, the President of the Contra Costa Communications Club.

Joe Lee said he is taking traffic for our service personnel in the Middle East. He will need the full name, rank, and Social Security number for the people over there. The messages will be sent via Air Force or Army MARS.

Guests: Chris Brown, Ed Knowles, Dennis Matzen KA6FUB, Dave Newman N6VIK, John Scherer KJ6TB, Chuck Waltman NOCW, and Brad Watson WA6AEO.

Secretary: The minutes of the January meeting were approved as printed in the February Blown Fuse.

Treasurer: Gordy Parsons, NU6W, reported the current account balances for the General Fund and the Club Station Fund.

Membership: Gordon Firestein, KC6JAE, introduced new member Garry Parish, AA6GW. John Billones WD6GGC, introduced Craig Brammer, KC6OMY, an Electronics instructor at Kennedy High School, who joined the Club at this meeting.

Digital Committee: Rick Muse, N6VOM, chairman of the Digital Communications Committee, said that telephone dialup access to the BBS has not yet been established. He said there were free copies of the "Introduction to Packet Radio" text for club members. Non-members could pay \$3 for a copy. Harry Bier asked that the Club start a fund to repay the cost of the new computer at the Club Station.

Education: Kit showed a code key and oscillator combination that has been designed and built by Dr. Mel Hurley KC6FAW, and Gerry White WB6IZE. There will be about 50 of these available for use in our classes. Kit listed the classes now in progress and said that Gerry White and Mark Violet will start a Novice class in Emeryville.

Tax Exempt Ad Hoc Committee: Chris Baldo, AI6S, thanked Bob DiSilverio KK6IJ, for his continuing work on the tax exempt status study. Bob said he has reviewed our Articles of Incorporation and feels that we might meet the "organizational test" for 501(c)(3) status. There is much further study needed.

Old Business: Harry said only a few responses had been received to the Club Station questionnaire printed in The Blown Fuse. He said this was important and asked members to send in a reply before the March 1st Executive Board Meeting. Harry also reported that he has met with the Albany Fire Chief to discuss possible new meeting places for our Club.

Program: Harry introduced guest speakers Brad Watson WA6AEO, and Dennis Matzen KA6FUB, who presented "An Introduction to Packet Radio". The talk was aimed at people not yet on packet but interested in getting started. They covered equipment and setup, procedures for making contacts, and help with common problems. There was a description of packet networks and how they operate to forward traffic worldwide. The use of the many local packet bulletin board systems (BBS's) was discussed and examples of user commands were given.

Harry presented EBARC certificates of appreciation to Brad and Dennis at the conclusion of their talk.

The meeting was adjourned at 10:16pm and followed by a raffle with proceeds going to the computer fund.

John Percival, W160, Secretary.

The 1991 Club dues are due by the March meeting. All those who have not paid by then will be dropped from the Club Roster, which is now being prepared by Steve Dorst, N6VMK. This is the last issue of the Blown Fuse that will be sent to those who have not paid their 1991 dues by the March meeting.

TREASURER'S REPORT - FEBRUARY 1991

FEBRUARY INCOME:

New Members:

Craig Brammer KC6OMY
Garry Parrish AA6GW.....\$40.00

New Family Membership:

Melanie Marty KC6QGY &
Dean Engler N6ZZV.....24.00

Membership Renewals:

KB6LHR, WA6ZPV, KB6JZM,
HC2EU, WD6DLR, KI6WF,
KC6JAE, WD6FRO, W6JRZ,
KB6EJL, KC6JXB, N6ZHM,
N6JCG, WD6FTM, WB6VEX,
WA6ODB, AA6LQ.....328.00

Family Membership Renewals:

Don N6EEG & Ruth N6UYO,
Stiver
Henry KC6JPD & Sharon KK6MH
Primbsch
Al KG6HF & Joanne N6LSU
Streit
Mark N6RCG & Robin N6ZHB
Violet.....96.00

ARRL Renewal KB6JZM.....30.00

Computer Fund Donations:

Rachel KB6LHR.....20.00
Bill WD6FRO.....5.00
Edmond AA6LQ.....2.00

Room Rental (Can).....7.00

Coffee Kitty (Can).....15.13

General Fund (Can).....16.35

Raffle Ticket Sales.....141.00

Ham Radio Outlet (Ad).....60.00

Total Feb. Income.....\$784.48

FEBRUARY DISBURSEMENTS:

Special Hospitality Flowers....\$8.54

Blown Fuse Printing.....57.78

Blown Fuse Postage.....33.00

ARRL Renewal (KB6JZM).....28.00

Northbrae Community Church

Room Rental.....60.00

Gratuity-Church Custodian.....10.00

Education Committee

Code Oscillator Parts.187.34

Cassette Tapes &

Batteries.....61.94

18 Navy Keys.....135.00

384.00

Total Feb. Disbursements...\$581.60

AMATEUR RADIO FLEA MARKET SCHEDULE FOR 1991

All Flea markets at Foothill College (Los Altos Hills) are through the courtesy of the operators of the Foothill Electronics Museum of the Perham Foundation.

NOTE: Location Change...Parking Lot C this year. (Just down from the Museum.)

03/09: HAM donation to Palo Alto Red Cross

04/13: SPECS Repeater Association

05/11: EMARC Electronis Museum ARC

06/08: Palo Alto Amateur Radio Assoc.

07/13: Foothill Amateur Radio Society

08/10: Perham Foundation

09/14: SPECS Users' Group

Sellers \$10 (for two spaces) Buyers FREE
Coffee, donuts, hot dogs & pop as always...

Talk in on repeaters 145.27- or 224.36-
Gates open at 6:30 AM. Come early to get a
seller space!!!

Questions? leave a message for Ted, N6IIU @
N6IIU-1

AMATEUR EXAMS HAVE BEEN MOVED TO SUNNYVALE.
FOR MORE INFORMATION CALL SUNNYVALE VEC @
(408) 255-9000 24/HR

Note that the ARES/RACES meeting time
has been moved to 7:30 PM.

BANK OF THE WEST ACCOUNTS:

General Fund (Checking).....\$996.84

Station Fund (Savings).....\$1372.29

The Club gets a \$2.00 commission for
each renewal for membership in the
ARRL. Please renew your membership
through the Club Treasurer. Our
annual Savings Account Interest for
1990 came to \$46.94.

Remember to Feed the Kitty

Gordon Parsons, NU6W
EBARC Treasurer

ARES/RACES NET CONTROL SCHEDULE

Operator	Alternate
John Percival WI60 03-14-91	Alan Brocca WB6ZQZ
Alan Brocca WB6ZQZ 03-21-91	Dawn Brocca KB6LHP
Dawn Brocca KB6LHP	

See Joe Lee, WB6DOB, if you have a message for servicemen in "Desert Storm". (Airforce and Army only--no Navy). Must have Complete Name (no initials); Social Security Number; Complete Address APO, NY, Zip; Phone Number, if possible. Keep message under 25 words. Signature complete with address and phone number.

Example:

SFC Joe Blow 572 24 0639
SPT CO 511 ABN INF RGT
APO 468 NY Zip -----

MESSAGE FROM THE PRESIDENT:

It has been very gratifying to see so many of you at our meetings. Also it's been great to have so many of you volunteer for our various committees. It shows that we are a working group that gets things done. Coming up soon will be a report from our Social Committee who are hot on the trail of a Picnic site and our year-end Holiday Dinner location.

Regarding the use of our Club Station, we want to be sure to hear all of your ideas; so please send in the questionnaire from the last Blown Fuse, or bring it in to the next meeting without fail. We need to make some decisions soon. See you at the meeting on March 8.

73,
Harry, WA6TNI

We are in need of items for the Club Raffles held at each meeting. If you have anything to donate, see Sam Watson, N6VIF, or bring the item(s) to the meeting. No junk, please!

THE BASE STATION

Your Contra Costa Ham Radio Headquarters

A.E.A. Interfaces, T.N.C.'s & Antennas
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Van Gordon Antennas, Insulators & Wire
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Wire Clamps	Trunk Mounts	Mic Plugs & Connectors
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The program for the coming meeting will be a continuation of "Packet Radio". The scheduled speaker will be Mach Myovich, K6KAD. Joe Lee, WB6DOB, may also have an informative Video to show.

Joe Lee, WB6DOB, is again taking orders for Club Badges. The cost is \$4.35, and Joe asks that you have exact change. Joe will not be ordering badges for a couple of months, so if you want a badge, see Joe now!

Harry, WA6TNI, and John, WD6GGC, rode together to ICOM Day at Ham Radio Outlet. In the hourly drawings, Harry won an ICOM Jacket and John won a Pen Type Digital Multimeter. Quite a coincidence!

CHARLES P. McCONNELL, W6DPD
DIRECTOR, ARRL PACIFIC DIVISION
1658 WEST MESA AVENUE
FRESNO, CA 93711-1944
(209) 431-2038

On March 16, 1991, the Novice-Tech sub-band on 80 meters will move from 3700-3750 kHz to 3675-3725 kHz. This change was made to cut down on interference to the American operators from foreign Amateurs. All U.S. Amateurs should remember that power is restricted to the 80 m Novice band to 200 watts PEP output.

Amateur Radio operators now number over one half million. The statistics released by the FCC show the total number of Amateurs in the U.S. on Dec. 31, 1990 to be 500,243. The breakdown is as follows: EXTRA 53,836; ADVANCED 105,309; GENERAL 119,796; TECHNICIAN 127,427; and NOVICE 93,875.

On February 13, 1991, the FCC issued a Notice of Inquiry, into preemption of state and local laws for transceivers capable of reception beyond Amateur Frequency allocations.

On March 15, 1990, the Commission released a public notice inviting comment on ARRL's request for such a notice. Now the Commission is asking for more information especially on the technical and financial feasibility of modifying existing transceivers to remove the capability to receive police or other public safety channels, and on the current and future marketplace availability of mobile equipment meeting restrictions of the subject laws. The Commission stated that comments filed in response to the previous public notice will be considered to be filed in response to the Notice of Inquiry as well, and therefore need not be refiled. The Docket number and comment date will be released at a later time.

UPCOMING EVENTS.

1. FOOTHILL FLEA MARKET 2nd Saturday March to September at Foothill College in Los Altos.
2. LIVERMORE SWAP MEET 1st Sunday of each month, Las Positas College, Livermore, 7 am - 12 noon.
3. INTERNATIONAL DX CONVENTION April 12-14, 1991, at Visalia. Contact W6MKM or K6ITL for information.
4. FRESNO HAMFEST May 3-5, 1991 at the Airport Holiday Inn in Fresno. Contact WA6YAB for more information.
5. WEST COAST VHF CONFERENCE May 3-5, 1991 at the Holiday Inn on the Beach, Ventura, CA. Contact West Coast VHF Conference, P.O. Box 178, Somis, CA 93066-0178 for more information.
6. RENO HAMFEST August 3, 1991 in Reno, NV. Contact K7HRW for information.
7. COMPUTER NETWORKING CONFERENCE Sept. 27-29, 1991 San Jose.
8. PACIFICON '91 Sept. 27-29, 1991, San Jose.
9. SOUTHWESTERN DIVISION CONVENTION October 11-13, 1991 Scottsdale, AZ.

@ 1991 F.A.R.C. @

49th HAMFEST

May 3,4,and5th

AT THE
AIRPORT HOLIDAY INN
FRESNO

This is advanced Notice to all Ham's, that there will be a great time in store for you and your guest at this Annual Event. Please pass the word around and make this the best ever!
"THANK YOU"

Banquet and program to be held Sat.pm. With a special dinner speaker, drawings, no host cocktail hour, etc.
F.A.R.C. hosted wine and EYEBALL QSO party set for Friday pm. For all registered Hams and guests.

Swap meet Saturday
Talk in freq. 146.94
EYEBALL QSO'S
Transmitter Hunt!
Left foot CW contest!
Hourly drawings!
Amateur examinations
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The EAST BAY AMATEUR RADIO CLUB, Inc., founded in 1947 is a California nonprofit, non-stock corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any East Bay Amateur Radio Club official listed below, or write EBARC, P.O.Box 1393, El Cerrito, CA 94530.

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Net	Days	Local Time	Freq-Mhz
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Deadline for April Issue: March 29

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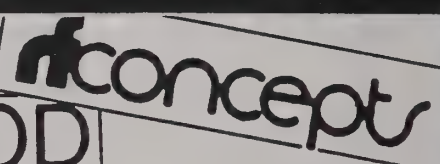
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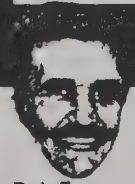


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OFFICIAL NEWSLETTER OF THE EAST BAY AMATEUR RADIO CLUB, INC.

Q
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THE BLOWN FUSE

VOLUME XLIV NUMBER 4

CLUB STATION W6CUS

APRIL 1991

COMING EVENTS:



April 12 7:30 PM ARES/RACES MEETING
8:00 PM East Bay ARC MEETING
Speaker: Steve Harding, KA6ETB
Subject: Traffic Handling on
Packet Radio

April 13 8:00 AM Flea Market
Foothill College, Los Altos



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

THE EAST BAY AMATEUR RADIO CLUB, Inc.

Post Office Box 1393

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GENERAL MEETING MINUTES
MARCH 8, 1991

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:08pm by President Harry Bier, WA6TNI. Harry welcomed Dick Wilcox, KG7KB, back from duty in the Gulf.

Guests: Wanda Bennett, Fidel Cajucom KK6UQ, James Chesko, David Christensen, Mildred Gunn, William Eugenio AB6AY, O.J. Evans 6XPY, Paul Hulse KK6JD, Lee LaClair, Mildred Martin, and Bob Wheeler KF6PD.

Secretary: The minutes of the February meeting were approved as printed in the March Blown Fuse.

Treasurer: Gordy Parsons, NU6W, reported the current account balances for the General Fund and the Club Station Fund. Gordy said the computer fund has about \$300 as of this time.

Publicity: Gordon Firestein, KC6JAE, said that the Northern California Jewish Bulletin had published an article about Ham Radio and it mentioned the East Bay Amateur Radio Club. There had been a story in the S. F. Chronicle about the new no-code licence.

Digital Committee: Rick Muse, N6VOM, said that a telephone modem still has not been added to the BBS. He wants to wait until a new version of the BBS software is installed on the system.

Education: Kit says that there are now two Novice classes being given. A new class has been added in Emeryville, being taught by Gerry White, WB6IZE, and Mark Violet, N6RCG. Kit expressed thanks to all those who are helping teach the various classes. The next exam session will be Saturday, April 20th at the Richmond Red Cross. The doors will open at 8:30am.

Field Day: Bob DiSilverio KK6IJ, said that plans are going well for Field Day (June 22 and 23) at Albany Hill.

Emergency Service: Rachel reported on CDF activities. The VIP training meeting would be held in Morgan Hill this month. She said the

VIP program seems to be reducing emphasis on the role of Amateur Radio and may ask hams to participate in non-communication activities. Kit thanked Gerry White for making up coax cables for the 12 emergency J-pole antennas.

Old Business: Harry said about 20 responses have been received to the Club Station questionnaire printed in The Blown Fuse. He said that any other members who wish to reply must do so before the April 5th Executive Board Meeting.

New Business: Ed Marshall, KC6NOY, called members' attention to an article in the March issue of QST about House Bill H.R.73. This is the "Amateur Radio Spectrum Protection Act of 1991", and is intended to preserve our Amateur Radio frequency allocations.

Program: Joe Lee said that the program scheduled for this meeting had to be cancelled, but in April we will have another speaker on Packet Radio. As a substitute program, Joe showed a video tape "Introduction to Packet Radio". This video, made in 1986, covered the fundamental concepts of packet radio.

The meeting was adjourned at 9:47pm and followed by the raffle drawing.

John Percival, W160, Secretary.

Continuing our series on Packet Radio, the speaker at the coming meeting will be Steve Harding, KA6ETB. Steve will cover Traffic Handling on Packet Radio.

Anyone wishing to set up a Packet Station would do well to read the article by Bruce Hale, KB1MW/7, on page 20 of the January, 1991 issue of QST. It is a very informative article and should be invaluable to the beginner in Packet Radio.

TREASURER'S REPORT -- MARCH 1991

MARCH INCOME:

New Member: Alfred Nielsen \$20.00
Renewals: KG7KB, W6JQN,
N6LFW, N6VFZ, WA6VEV,
KE6AM, N6KMK, N6DRT,
W6KNO, K6HYS, KD6UL,
WA6FDF.....240.00
Family Membership Renewal:
Phil N6ASB & Marjorie
Saxton.....24.00
Raffle Ticket Sales.....77.00
Station Fund (Can).....6.00
General Fund (Can).....20.50
Coffee Kitty (Can).....4.34
Base Station Check,.....18.00
Total March Income.....\$409.84

MARCH DISBURSEMENTS:

Northbrae Community Church....\$52.00
Blown Fuse Printing.....57.00
Blown Fuse Postage.....38.57
P.O. Box Rental.....35.00
Total Mar. Disbursements..\$183.35

BANK OF THE WEST ACCOUNTS:

General Fund (Checking).....\$1140.33
Station Fund (Savings).....\$1455.29

The Radio Station Computer Fund,
which was initiated last November,
is now at \$311.00 as of March 31.
The main source of income to this
account is from the monthly raffles.
If you have something which would
make a nice prize please bring it to
the next meeting.

Remember to Feed the Kitty

Gordon Parsons NU6W
EBARC Treasurer

Renew your ARRL membership through
the Club. We get a commission. See
Treasurer, Gordy, NU6W.

In order to increase the ranks of
Radio Amateurs, the FCC recently
created a No-Code class of license.
Now the FCC is again proposing a
license fee, which is sure to
decrease our ranks. You figure it
out!

We urge all Radio Amateurs to
register their opposition to this
proposed fee. See page 63 of the
April 1991 issue of QST for a sample
letter and to whom to mail it.

Our evening Novice Training Class at
Pinole Valley High School is progres-
sing very well. We've had the usual
drop-outs for various reasons. With
the course only about half finished,
of those who remained, three have
passed both the theory and code tests
and their 610 forms have been sent
in. Three more have passed the
theory test and have only to pass the
code test. We look for the usual
100% passing rate for those who stick
it out to the end of the course.

The Club welcomes the following new
members:

Garry Parrish AA6GH
Craig Brammer KC6OMY
Melanie Marty KC6QGY
Dean Engler N6ZZV
Odis Evans N6XPY
Alfred Nielsen

Our current Novice Training Class at
John F. Kennedy High School has so
far produced four new Novices. The
class will end in June, so we still
have time to gain a few more, we
hope.

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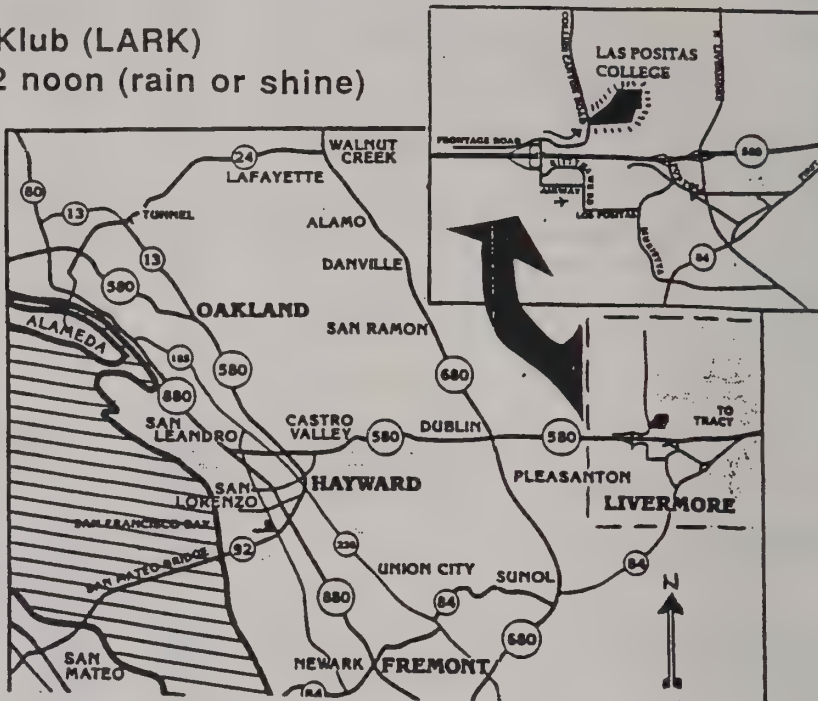
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For information and talk in:

147.045 (+) Bay Area

145.350 (-) Central Valley



MESSAGE FROM THE PRESIDENT:

This is a reminder for all members of the Executive Board. We meet on the first Friday of each month at 7:30 PM at Mel Hurley's home.* If you can't be there PLEASE notify me and give me any reports you may have for the Executive Board.

We're now gearing up for Field Day. Your support and suggestions are greatly appreciated.

73
Harry WA6TNI




KNOW CODE instead of NO CODE

*Editor's note:

One does not have to be a member of the Executive Board to attend their meetings. Any Club member is welcome.

If there are any changes or corrections to be made on your mailing label please notify our Membership Chairman Gordon Firestein, KC6JAE.

CONTRA COSTA RACES EVENTS:

 April 20, 1991
Walk America '91

May 5, 1991
Grizzly Peak Century Bike Race

For more information, contact Rachel
Lewellen, KB6LHR.

There will be an Amateur Radio test session on Saturday, April 20 at the Richmond Red Cross, starting at 9 AM. Tests for all classes of licenses, from Novice to Extra Class, will be given. The Fee will be \$5.25, except for Novice Class which is free. For those upgrading, please bring a photocopy of your existing license. All candidates should bring some form of Photographic identification.

April 27 will be the one hundredth anniversary of the birth of Samuel F. B. Morse. While we remember him as the inventor of the telegraph and the developer of the Morse Code, many of us don't realize that his profession was that of an artist. Although his work as an inventor has all but buried his accomplishments as an artist, scholars of American art consider him one of our finest mid-nineteenth century portraitists. He founded the National Academy of Design (another of Morse's lasting contributions).

Don't forget to participate in our Club Nets:

Slow CW Net, Wed 8 PM 21.115 Mhz
SSB Net, Wed 9 PM 28.395 Mhz
440 Net, Tue 7:30 PM 444.450 Mhz
P1 127.3

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Are all of you aware of the expiration date of your Amateur Radio license? Consider the experience of our Treasurer, Gordy, NU6W. Gordy recently discovered that his license had been expired for some time. Fortunately there was a 5-year grace period, and he was able to renew without loss of his license or callsign. (After two years of the grace period, a new callsign will be issued.) If you have a ten-year license issued after January 1984, the grace period is only two years. Be advised that if you renew during the grace period, you may not operate until your new license arrives.

CHARLES P. McCONNELL, W6DPD
DIRECTOR. ARRL PACIFIC DIVISION
1658 WEST MESA AVENUE
FRESNO. CA 93711-1944
(209) 431-2038

P.R. Docket 91-36 is a Notice of Inquiry into the need to pre-empt state and local laws concerning Amateur operators use of transceivers capable of reception beyond the Amateur frequency allocations. This came at the request of the ARRL because Amateurs in some areas had been arrested and/or had their radios confiscated because they violated some state or local laws. If you filed comments on the earlier notice on this matter, you do not need to refile. The FCC will consider you comments as being filed on Docket 91-36. Comments on this Docket are due on June 7, 1991 with reply comments due on July 8, 1991.

Thanks to everyone who has written their Congressman about their support for H.R. 73, the Amateur Radio Spectrum Protection Act of 1991. If you have not yet written your Congressman, please read pages 41-42 of the March 1991 QST. In this article you will find samples of the letters you may use in contacting your congressman. It is important for the future of Amateur Radio that H.R. 73 becomes law. Please send your letters and send copies to Perry Williams at ARRL Headquarters.

License fees for Amateur Radio licenses are again in the FCC Budget request for fiscal 1992. FCC proposes a \$3 per year fee or \$30 for a 10 year license. There was no mention of how upgrades or address changes would be treated in the FCC proposal. Read the Amateur press for more information about the proposed Amateur License fees.

The FCC is conducting a power audit of some Amateur Radio stations in each FCC district. This is being done to collect data on the minimum power rule. Amateurs are not being singled out on this matter as other services have been surveyed in recent months. The November 1990 and February 1991 QSTs had articles on such surveys.

UPCOMING EVENTS.

1. FOOTHILL FLEA MARKET 2nd Saturday March to September at Foothill College in Los Altos.
2. LIVERMORE SWAP MEET 1st Sunday of each month, Las Positas College in Livermore. 7 am-12 noon.
3. INTERNATIONAL DX CONVENTION April 12-14, 1991 in Visalia.
4. FRESNO HAMFEST May 3-5, 1991 at the Holiday Inn in Fresno. Contact WA6YAB for information.
5. WEST COAST VHF CONFERENCE May 3-5, 1991 at the Holiday Inn on the Beach, Ventura, CA.
6. RENO Hamfest August 3, 1991 in Reno NV. Contact K7HRW for information.
7. COMPUTER NETWORKING CONFERENCE Sept. 27-29, 1991 in San Jose.
8. SOUTHWESTERN DIVISION CONVENTION October 11-13, 1991 in Scottsdale, AZ.

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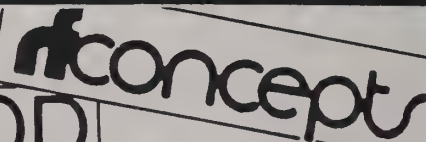
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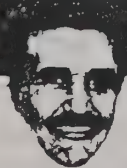
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OFFICIAL NEWSLETTER OF THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

VOLUME XLIV NUMBER 5

CLUB STATION W6CUS

MAY 1991

COMING EVENTS:



May 10 7:30 PM ARES/RACES Meeting
8:00 PM East Bay ARC Meeting
Program: Preliminary Field Day Plans

May 11 8:00 AM Flea Market
Foothill College, Los Altos



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

THE EAST BAY AMATEUR RADIO CLUB, Inc.
Post Office Box 1393
El Cerrito, CA 94530

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ADDRESS CORRECTION REQUESTED

GENERAL MEETING MINUTES
April 12, 1991

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:00pm by President Harry Bier, WA6TNI. Harry welcomed Larry Fields N6HPX, who is visiting from the Philippines.

Guests: William Eugenio AB6AY, Larry Fields N6HPX, Richard Foster N7QMK, Steve Harding KA6ETB, Bev Harding KA6TCT, and Merrill Scott WB5PTQ.

Secretary: The minutes of the March meeting were approved as printed in the April Blown Fuse.

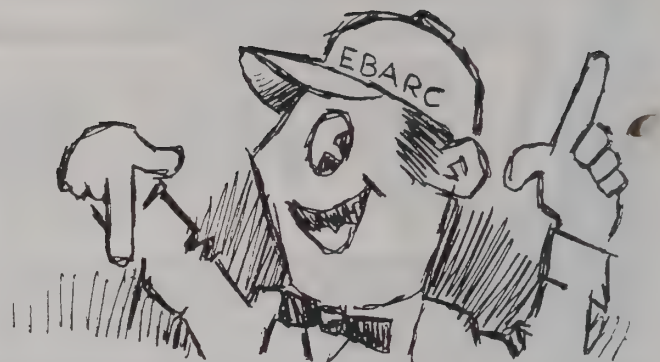
Treasurer: Gordy Parsons, NU6W, reported the current account balances for the General Fund and the Club Station Fund. Gordy said there had been an anonymous donation of \$50 to the computer fund.

Publicity: Gordon Firestein, KC6JAE, said that a membership roster will be published soon. He passed around a preliminary copy of the list so members could check that their information is correct and up to date. Gordon introduced new members: Harold Arsem N6ZHA, Rod Chin KC6SUS, Tom Murphy N6IUH, and Steve Sturges KK6WP.

Education: Kit said the current session of classes at the Richmond Red Cross and Pinole Valley High School are nearly finished. The next session of Novice classes is yet to be announced. The education committee is looking to find a permanent location for the classes. Steve Dorst reminded members that the next exam session would be Saturday, April 20th at the Richmond Red Cross. The doors will open at 8:30am.

Field Day: Field Day will be the major topic for discussion at the May General Meeting

Old Business: Harry said 22 responses have been received to the Club Station questionnaire printed in The Blown Fuse. He said that a number of members would like to have 24 hour access to the club station, but realize it may not be possible.



MESSAGE FROM THE PRESIDENT:

I urge all of you to attend the May Meeting. Field Day will be the topic. Those of you who have never participated in Field Day may want to do it this year and have a fun time with the rest of us. Field Day is a chance to spend a week-end (or just a day, an hour) with each other and test our preparedness to communicate with other Hams under field conditions. Come to the May meeting and get the details.

Harry WA6TNI

Club Station: Henry Primbsch KC6JPD, repòved for Will Nance on the following: 1) Sharon Primbsch AA6XZ, will write technical operating instructions for the equipment at the Club Station, 2) The IC-735 and the Linear amplifier will be repaired, 3) Will is looking for a "modern" HF rig for the station. and, 4) Will is looking for someone to help take surplus items to the Foothill flea-markets.

Program: The guest speaker was Steve Harding, KA6ETB, who gave a presentation on the use of packet radio in the National Traffic System. He discussed the history of the NTS, and the basics of message origination and delivery. He then described the particulars of how packet is used to send and receive messages through the network of packet radio bulletin boards.

The meeting was adjourned at 9:42pm and followed by the raffle drawing.

John Percival, W16o, Secretary.

This is an appeal to participate in our Club Nets, particularly the 440 Mhz net which is suffering from lack of use. Time and Frequency:
Tuesday 7:30 PM local time
444.450 Mhz (PL 127.3)

Editor's Note: When listing new members or upgrades, occasionally a name may be inadvertently left out. For this, I apologise.

John WD6GGC

"Golden Gate Charlie"

We received 22 responses to the recent questionnaire on the accessibility of our Club Station. The following is a summary of these responses:

Will Nance, AA6VL, and Sharon Primbsch AA6XZ, are in the process of compiling a manual of instructions for operating all the equipment in our Club Station. This should satisfy one of the concerns with putting the Station at the disposal of all Club members.

Renew your ARRL membership through the Club. We get a commission. See Gordy NU6W, our Treasurer.

When buying new equipment please patronize our advertisers.

KNOW CODE INSTEAD OF NO CODE

1. Have you ever used the Club Station?

2 Often 6 Sometimes 14 Never

2. If your time permits, would you use it:

9 Yes 5 No 7 Maybe 1 I don't know

3. Should the Station be available 24 hours a day? 10 Yes 10 No
(2 UNDECIDED)

If YES, what restrictions would you place upon its use?

MORE THAN ONE PERSON ON PREMISES

MUST BE TRAINED AND DEMONSTRATE PROFICIENCY ON EQUIPMENT

If NO, why?

RESTRICTED HOURS OF OPERATION, EXCEPT FOR EMERGENCY USE.

SAFETY AND SECURITY CONCERNS

4. Additional Comments:

IS IT REALLY NECESSARY TO HAVE 24 HOURS ACCESS EXCEPT

IN EMERGENCIES?

OPTIONAL: Name _____ Call _____

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ARES/RACES NET CONTROL SCHEDULE

Operator		Alternate
Red Bryant N6UMG	05-09-91	Sam Watson N6VIP
Sam Watson N6VIP	05-16-91	Gary Knox N6WVR
Gary Knox N6WVR	05-23-91	Rick Taft KD6UL
Rick Taft KD6UL	05-30-91	Will Nance AA6LV
Will Nance AA6LV	06-06-91	Doug Cain N6JNK

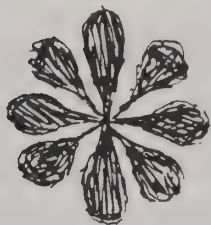
The program for the coming meeting will be preliminary discussions for Field Day. Everyone who is interested in participating in Field Day should make every effort to attend.

The Club welcomes the following new members:

Steve Sturges KK6WP
 Harold Arsem N6ZHA
 Tom Murphy N6IHU
 Rodney Chin KC6SUS

At the recent exam session, the following Club members earned upgrades:
 Fred Beesley--Extra Class
 Henry Primbsch--Extra Class
 Jim Byers--Extra Class
 Miguel Belles--Technician
 Congratulations to all!

KNOW CODE INSTEAD OF NO CODE



Homeowner can build tall antenna

By Robert J. Bruss
 Tribune Media Services

Evan obtained a federal license to operate an amateur radio station at home. He then filed an application with the county to erect a 125-foot, ground-mounted antenna, but it was denied because of a 35-foot height limit.

Evan submitted applications for variances and special use permits to erect an antenna of 60 to 100 feet. They were rejected.

At the suggestion of his attorney, Evan sued the county, say-

☐ LAW

ing Federal Communications Commission rules allowing amateur radio antennas preempted local law.

If you were the judge, would you allow Evan to build his radio antenna, although its height exceeds the local 35-foot limit?

The judge said yes. In 1934, he said, Congress created the FCC to regulate interstate and foreign communication. And 50

years later, the FCC ruled that federal laws allowing amateur radio antennas exceeding local height limits prevailed.

Since local height-limit laws cannot be allowed to interfere with federal government policy of promoting radio communication, county law is preempted by federal law, and Evan must be allowed to construct his amateur radio antenna, the judge ruled.

From U.S. District Court: Evans vs. Board of County Commissioners, 752 Fed. Supp.973.

Reprinted from West County Times, Sunday, April 7, 1991

CHARLES P. McCONNELL, W6DPD
DIRECTOR, ARRL PACIFIC DIVISION
1658 WEST MESA AVENUE
FRESNO, CA 93711-1944
(209) 431-2038

WARNING

On March 16, 1991, the 80 meter Novice Segment moved to 3.675-3.725 MHz. The 3.725-3.750 MHz segment continues to be available to General and higher classes for cw, RTTY, and digital modes, only. NO phone is permitted in the 3.725 to 3.75 MHz segment.

H.R. 73 THE AMATEUR RADIO SPECTRUM PROTECTION ACT

Thanks to all who have sent letters to your congressman asking for their support and co-sponsorship of the act. The last report I saw showed the number of co-sponsors at 55. There is still a long way to go to reach 218 co-sponsors. If you have not written your congressman, please do so. See your March QST for information.

PACIFICON '91

The Santa Clara County Amateur Radio Association has withdrawn its application to hold Pacificon '91. Unless another club comes forward to do the Pacific Division Convention in 1991 there will not be one. Please look forward to the 1992 Convention on Oct. 17-18, 1992 in Concord.

The 10th Computer Networking Conference will be Sept. 27-28 in San Jose.

ARRL PACIFIC DIVISION MEMBERSHIP

ARRL membership in the Pacific Division has declined by about 200 since Jan. 1, 1991. If your ARRL membership has expired, please renew. Your membership helps the cause of Amateur Radio at WARC '92 and other such conferences plus you get many benefits. Help your affiliated club by sending your renewal through it. Each affiliated club receives \$2 for handling renewals.

COMING EVENTS.

1. FOOTHILL FLEA MARKET 2nd Saturday March to September at Foothill College in Los Altos.
2. LIVERMORE SWAP MEET 1st Sunday of each month, Las Positas College in Livermore, 7 AM to 12 noon.
3. FRESNO HAMFEST May 3-5, 1991, at the Airport Holiday Inn in Fresno.
4. WEST COAST VHF CONFERENCE May 3-5, 1991 at the Holiday Inn on the Beach, Ventura.
5. RENO Hamfest August 3, 1991, in Reno, NV. Contact K7HRW for information.
6. COMPUTER NETWORKING CONFERENCE Sept. 27-29, 1991 in San Jose.
7. SIERA HAMFEST AND COMPUTER FAIR Oct. 12, 1991 in Minden, NV. Contact W6FFT for more information.
8. SOUTHWESTERN DIVISION CONVENTION Oct. 11-13, 1991 in Scottsdale, AZ.
9. PACIFICON '92 Oct. 16-18, 1992 in Concord.

Letter to the Editor:

No Code License - Panic in the Streets??

Well, it's finally upon us. The FCC, through their infinite wisdom, has allowed their version of the no-code amateur radio license. I had reservations about a no code license this last year, but thought it might work out in the end. However, I am very surprised by the FCC's decision. It's not what I had envisioned for a no-code license. I am concerned about potential overcrowding and deliberate QRM on our airwaves, particularly on the 2 meter bands. Just think, all those new, untrained amateurs unleashed on the already overcrowded 2 meter band. I sincerely hope that our hobby doesn't turn into another Citizens Band. I shiver at the possibility.

But, all's not hopeless. There is a positive side to this no code saga. We have before us an excellent opportunity to expand our ranks with technical expertise which has never been available to us before. This could be a much needed shot in the arm to expand communications technology. However, how is this going to weigh against the deluge of inexperienced users? The future of our favorite repeaters, BBSs and frequencies may be at stake!

We are responsible for the future of our hobby. We have to lead the way and set the good example. I remember when I first got my ticket. My first contacts were very scary. I didn't know what to say or do. Was there some kind of protocol for on-the-air contacts? Slowly I learned by listening to other stations. I wish there could have been someone there to help me out. Our new fellow amateurs will undoubtedly feel the same way. They will make mistakes and learn. But how are they going to know if they are doing something wrong?? We could scold them and make them feel terrible, but that method only works with animals.

We must all be there to lend a helping hand. It is up to each of us to set a good example on the air waves about proper operating procedures and common courtesy. We must constantly be aware of this with each contact. Secondly, we must make ourselves available to answer the many questions of our new hams. Spend time teaching classes through your local clubs, or set up a pool of elmers ready to aid our new colleagues. It's also vitally important to teach them how to deal with "jammers." It's an unfortunate fact that their ranks will go with the increase in the ham population. Remember, our new hams are only going to be as good as we teach them. So do your part.

I urge you now to take a more active part in shaping the future of your hobby. The key word here is "your." I'll be doing my part, so there's no reason why you can't do your's. Get out there, be available, and lend that helping hand.

Chris Wong N6JGC

EBARC
BBS: N6EEG-1

The EAST BAY AMATEUR RADIO CLUB, Inc., founded in 1947 is a California nonprofit, non-stock corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any East Bay Amateur Radio Club official listed below, or write EBARC, P.O.Box 1393, El Cerrito, CA 94530.

At present, the East Bay Amateur Radio Club maintains a club station: the WA6JSO Memorial Station, at the Richmond Red Cross, 32nd & MacDonald in Richmond. The Club callsign is W6CUS. W6CUS-1 PACKET VHF/HF BBS GATEWAY, 145.09 Mhz, 223.52 Mhz.; N6EEG PACKET VHF/HF GATEWAY, 10.147 Mhz, 144.97 Mhz.

1991 EAST BAY AMATEUR RADIO CLUB, INC. EXECUTIVE BOARD

Harry Bier WA6TNI President	372-6755
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Craig Jordan KB6EJL 2nd VP, Hospitality Chairman	526-6818
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John Percival WI6O Secretary	232-8111
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Kit Chantarotwong KB6JZM, Education Chairman, Chief Elmer	222-1810
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Allen Smith AA6UX, Club Historian	524-9231
Al Streit KG6HF, Tax and Legal Adviser	525-5743
John Billones WD6GGC, Blown Fuse Editor, Publications Chairman	237-1272
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Doug Cain N6JNK, Member-at-Large	237-3294
Ralph Hall W6EFD, Member-at-Large	232-0727
Leo Lewis WA6ZFU, Member-at-Large	232-9492

AMATEUR RADIO NETS

Net	Days	Local Time	Freq-Mhz
EAST BAY AMATEUR RADIO CLUB SLOW CW NET	Weds	2000	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	Weds	2100	28.395
EAST BAY AMATEUR RADIO CLUB UHF NET	Tues	1930 (PL 127.3)	444.450
West Contra Costa County ARES/RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1920	147.48S
Contra Costa Communications Club Net	Thurs	1930	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mon-Fri	1600	145.110

The BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. The BLOWN FUSE welcomes articles of interest to its members and Amateur Radio in general. The BLOWN FUSE reserves the right to edit or reject any material submitted. Material submitted becomes the property of the BLOWN FUSE. Permission is hereby granted to reproduce articles printed herewith provided proper acknowledgement is given. Publishing and layout by Editor, John Billones, WD6GGC. (Golden Gate Charlie)

Deadline for June Issue: May 31

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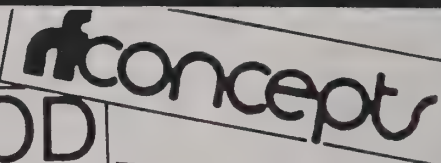
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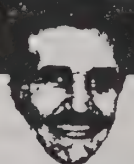


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THE BLOWN FUSE

VOLUME XLIV NUMBER 6

CLUB STATION W6CUS

JUNE 1991

COMING EVENTS:



June 14 7:30 PM ARES/RACES Meeting
8:00 PM EBARC Meeting
Program: Final Field
Day Plans

June 22 11:00 AM FIELD DAY



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

THE EAST BAY AMATEUR RADIO CLUB, Inc.
Post Office Box 1393
El Cerrito, CA 94530

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POSTMASTER:

ADDRESS CORRECTION REQUESTED

GENERAL MEETING MINUTES

May 10, 1991

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:02pm by First Vice President Sam Watson, N6VIF, filling in for President Harry Bier. Sam described the items offered as prizes for the raffle drawing.

Guests: Duke Campbell N6PIX, Eddie Chen, Larry Fields N6HPX, David Fuller KC6QOD, Thelma Lewellen, Catherine Paugl, Fred Niemar, Maria Rodman KC6SLD, Bob Stanley KB6LYZ, Jim Stewart, and Winfield Wortman KC6ULO.

David Fuller and Catherine Paugl spoke to the group about their activities with the Western Service Workers Association. They have been organizing self help groups in the local areas, and they requested volunteer help with their continuing efforts.

Secretary: With one correction, the minutes of the April meeting were approved as printed in the May Blown Fuse.

Treasurer: Gordy Parsons, NU6W, reported the current account balances for the General Fund and the Club Station Fund. Gordy said the computer fund is doing well, with income from our raffle drawings going into the fund.

Membership: Gordon Firestein, KC6JAE, said that the new membership roster has been published, and members should pick up a copy at the meeting. Gordon introduced a new member, John Andrews, KC6TSZ.

ARES/RACES: Rachel described the Century Bike Ride and thanked those who helped. She mentioned several events coming up where help is needed. The VIP meeting on May 11th was cancelled, but a VIP training session is scheduled in Morgan Hill on Sat. May 18th. Rachel and Bob N6SPY described a RACES training session set for May 19th at the Fire College in Concord. RACES members must attend this to remain registered and covered by insurance when participating in RACES activities.

Education: Kit Chantarotwong KB6JZM, said there will be a new Novice class starting on

Monday June 17th at the Mechanics Bank Training Center in Pinole. A second Novice class will be given at Piedmont High School starting on June 19th. Both classes are from 7 to 9:30pm. Kit said a General upgrade class has not yet been scheduled. Additional Packet classes may be offered again, if there is more interest shown.

Club Station: Will Nance AA6VL said that operating instructions for the station equipment have been written with help from Sharon Primbsch, AA6XZ. Will said the VHF and UHF radio instructions are in files at the Club Station. The L4B linear amplifier needs new tubes. The Board approved an expense for this purpose at the May 3rd Board meeting. Will said a work party at the club station will be set up some time in July. Antenna, tower and rotor work needs to be done.

Old Business: Kit asked if there was still interest in the repeater committee. Will said that Miguel Belles HC2EU is interested in building a repeater if we can get a site and NARC sanction. It was mentioned that we had had an agreement with the WA6QQF 440 repeater but that it has been little used. The 1.2 GHz band is the only one with readily available repeater frequency allocations. Bob DiSilverio reported that he thinks Chris Baldo is concluding we should table the issue of Tax Exempt status for now.

Field Day: Field Day chairman Bob DiSilverio KK6IJ gave a report on planning for this year's event on June 22,23. Bob explained what Field Day is and how the contest scoring is done. Harry Bier's video tape of the 1986 F.D. was shown to let those new to Field Day see what it is all about. Captains were appointed for the CW, SSB, Novice, Packet, and Satellite stations. There were volunteers for Food, Power and Transportation. The discussions had to be cut short as the meeting ran past 10:00pm.

The meeting was adjourned at 10:14pm and followed by the raffle drawing.

John Percival, W160, Secretary.

TREASURER'S REPORT - APRIL 1991

APRIL INCOME:

New Members:

Tom Murphy N6IHU, Steve
Sturges KK6WP, Rodney Chin,
KC6SUS, Harold Arsem N6ZHA
Odis Evans N6XPY.....\$75.00
Renewals: KC6CYF, KC6WC.....40.00
Raffle Ticket Sales.....56.00
Station Fund (Can).....8.00
Coffee Kitty (Can).....6.00
Room Rental Donations.....15.00
Computer Fund Donation.....50.00
Total April Income.....\$250.00

April Disbursements:

Blown Fuse Printing.....\$57.94
Blown Fuse Postage.....33.35
Audio Cassette & Access.....78.05
Connectors.....74.56
RC8/X.....155.55
Gratuity for Guest Speaker.....20.00
Northbrae Community Church.....50.00
Total April Disbursements.\$469.45

BANK OF THE WEST ACCOUNTS:

General Fund (Checking).....\$806.88
Station Fund (Savings).....\$1569.29

Please remember to give your fair share to the costs for refreshments and the rental of our meeting room at the church. As evident by the cash flow accounts not everyone is doing this.

Remember to Feed the Kitty

Gordon Parsons, NU6W
EBARC Treasurer

As this issue is going to press, the Novice Training Class at Kennedy High school is winding down to a very successful conclusion. Out of the 12 starters, we have gained nine new Novices. Of the remaining three, one has moved away. There are still a couple sessions left in the term, so we may yet gain two more.

TREASURER'S REPORT - MAY 1991

MAY INCOME:

New Members:

John Andrews KC6TSZ
Maria Rodman KC6SLD.....\$30.00
Field Day Patch Sales.....2.00
General Fund (Can).....23.00
Coffee Kitty (Can).....7.25
Raffle Ticket Sales.....34.00
Total May Income.....\$96.25

MAY DISBURSEMENTS:

10 ft TV Mast/Adapter.....\$34.21
Raffle Ticket Rolls.....13.75
Northbrae Community Church.....50.00
Custodian Gratuity.....10.00
Blown Fuse Printing.....103.58
Blown Fuse Postage.....35.38
Total May Disbursements...\$246.92

BANK OF THE WEST ACCOUNTS:

General Fund (Checking).....\$656.21
Station Fund (Savings).....\$1603.29

The Computer Fund, which was instituted last November is now at \$451. We have a distance to go to reach \$700. The money for this fund comes from our monthly raffle ticket sales and donations. Let's retire this debt soon.

Remember to Feed the Kitty,

Gordon Parsons NU6W
EBARC Treasurer

This year our annual picnic has been moved to September. This move was made in order to take advantage of the usually better weather in September (Less wind). There will also be a September Club meeting in addition to the picnic.

Our Social Committee Chairman, Vern Orme, AA6YE, has recently upgraded to Extra Class. Congratulations, Vern!

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 Butternut Antennas
 Callbooks, Maps, Guides & Supplements
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 Cushcraft VHF & UHF Antennas
 Hustler Mobile Antennas, Mounts & Brackets
 Gordon West Books and Code Practice Tapes
 Larsen V.H.F. & U.H.F. Mobile Antennas & Mounts
 M.F.J. Keyers, Tuners, T.N.C.'s, Switches & Access.
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Wire Clamps	Trunk Mounts	Mic Plugs & Connectors
Mast Bases	Ball Mounts	PL-259's & N Connectors
Egg Insulators	Gutter Mounts	Headphones
Dog Bone Insulators	Code Practice Oscillators	Flexible Rubber Antennas
Center Insulators	Code Practice Software	Scanner Frequency Books
Copper Wire	S.W.R. Meters	Scanner Antennas

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ARES/RACES NET CONTROL SCHEDULE

Operator		Alternate
Doug Cain N6JNK	06-13-91	Harry Bier WA6TNI
Harry Bier WA6TNI	06-20-91	Ray Ahlberg N6DIG
Ray Ahlberg N6DIG	06-27-91	Jim Bloom KI6MG
Jim Bloom KI6MG	07-04-91	Woody Mertens N6LFW
Woody Mertens N6LFW	07-11-91	Barry Jennings N6KMK

There will be a Novice Training Class starting on June 19 from 7:00 to 9:30 PM at the Piedmont High School, 800 Magnolia Ave. in Piedmont. The class will last 7 weeks, with Jerry White, WB6IZE, as Chief Instructor.

Another class will be starting on June 17 at the Mechanics Bank in Pinole. This class will also be a continuation of the recent class held at the Pinole Valley High School.

The Program for the coming meeting will be a Discussion of Final Plans for Field Day. The site has been confirmed--it will be the Albany Hill the same as last year. All those interested in participating be prepared to make your commitments.

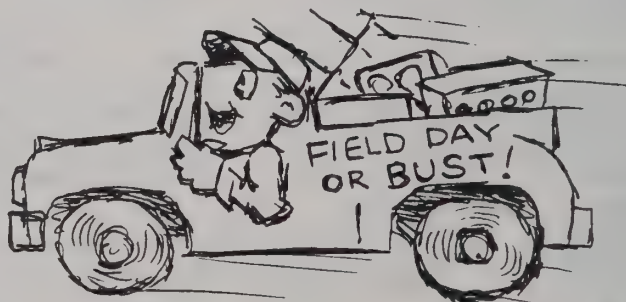
The Club welcomes the following new members:

Duke Campbell N6PIX
 Noel Santos AB6AC
 John Andrews KC6TSZ
 Maria Rodman KC6SLD

KNOW CODE INSTEAD OF NO CODE

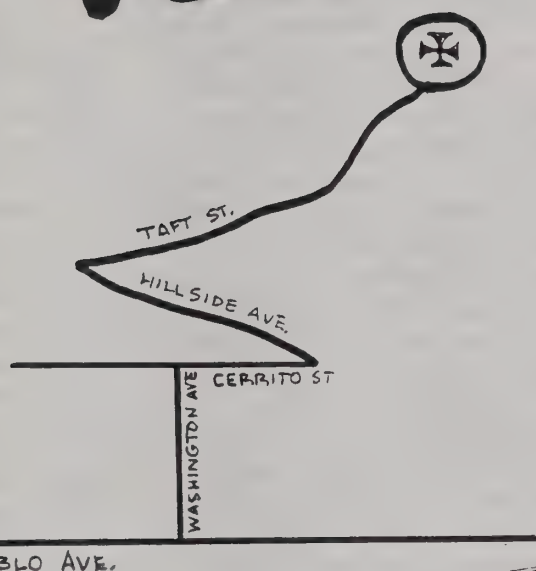
We now have new Club Rosters complete as of May 1, 1991, prepared by our Membership Chairman, Gordon Firestein KC6JAE. Club members may pick up their copy at the Club meeting.

Joe Lee WB6DOB, Field Day Food Chairman reports that he needs commitments for food or cash donations for the following meals: Saturday Lunch, Evening Meal, Midnight Snack and Sunday Breakfast. Please make your commitments at the next Club Meeting.



FIELD DAY

JUNE 22 & 23
11 AM SATURDAY
TO
11 AM SUNDAY
ALBANY HILL



MESSAGE FROM THE PRESIDENT:

With Field Day approaching, I hope you made plans to take part in this yearly event. Come to participate, look, eat, encourage, kibitz or just say hello. It's a fun time for all.

Congratulations to the nine students at John F. Kennedy High School who earned their Amateur Radio Licenses. The Club thanks Doug, N6JNK, and John, WD6GGC, who were there every week and patiently helping the youngsters to achieve their dream of becoming Hams. We are grateful to you Doug and John and proud of the youngsters. Congratulations to all!

Harry, WA6TNI



CHARLES P. McCONNELL, W6DPD
DIRECTOR, ARRL PACIFIC DIVISION
1658 WEST MESA AVENUE
FRESNO, CA 93711-1944
(209) 431-2038

NOTICE

The FCC has announced that Amateurs must vacate the 220-222 MHz band on 0000 UTC on 28 August 1991. This follows the adoption of the Final Report and Order in PR Docket 89-552.

H.R. 73 UPDATE

The last information I have received indicates that there are 84 co-sponsors of H.R. 73, The Amateur Radio Spectrum Protection Act of 1991. Please keep writing to your Congressman to urge their support of this legislation. The more co-sponsors there are for the bill, the easier it will be to get this legislation passed in the House. Be sure to send copies of your letters to Perry Williams at ARRL Hq.

FCC AMATEUR LICENSE FIGURES

FCC license figures for March show a grand total of 507,083 Amateurs. This is a growth of about 3,000 over the February total. The number of Novices was 1,734 while the number of Technicians was 882. At the end of March there were 6,280 Amateur applications awaiting action by the FCC.

The FCC now produces Amateur Licenses with a LASER printer. In fact you get two documents, a 5 X 7 certificate that is suitable for framing and a wallet size card. This should be an improvement over the carbon paper forms of the past. It might be a good idea to have the wallet card laminated to prevent the ink from being transferred to your wallet.

ARRL RENEWALS

Please renew your ARRL membership through the your ARRL affiliated club. Your club will get a \$2 commission for its treasury. This way both organizations benefit.

NEW AMATEURS

We now have Amateurs in our ranks who have arrived without the benefit of the Morse Code. We must involve these new Amateurs in our clubs and other Amateur activities. We must welcome them to our ranks. These Amateurs can offer much to our service. We must give them the chance. We do not want to cause them to set up a microcosm of Amateurs on some of the bands. We want them in the mainstream of Amateur Radio.

COMING EVENTS

1. FOOTHILL FLEA MARKET 2nd Saturday March to September at Foothill College in Los Altos.
2. LIVERMORE SWAP MEET 1st Sunday of each month at Las Positas College in Livermore, 7 AM to 12 noon.
3. RENO HAMFEST August 3, 1991 in Reno. Contact K7HRW for information.
4. COMPUTER NETWORKING CONFERENCE Sept. 27-29, 1991 in San Jose.
5. SIERA HAMFEST AND COMPUTER FAIR Oct. 12, 1991 in Minden, NV. Contact W6FFT for information.

The EAST BAY AMATEUR RADIO CLUB, Inc., founded in 1947 is a California nonprofit, non-stock corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any East Bay Amateur Radio Club official listed below, or write EBARC, P.O.Box 1393, El Cerrito, CA 94530.

At present, the East Bay Amateur Radio Club maintains a club station: the WA6JSO Memorial Station, at the Richmond Red Cross, 32nd & MacDonald in Richmond. The Club callsign is W6CUS. W6CUS-1 PACKET VHF/HF BBS GATEWAY, 145.09 Mhz, 223.52 Mhz, N6EEG PACKET VHF/HF GATEWAY, 10.147 Mhz, 144.97 Mhz.

1991 EAST BAY AMATEUR RADIO CLUB, INC. EXECUTIVE BOARD

Harry Bier WA6TNI President	372-6755
Sam Watson N6VIF 1st VP, Program Chairman	223-6408
Craig Jordan KB6EJL 2nd VP, Hospitality Chairman	526-6818
Gordon Firestein KC6JAE 3rd VP, Membership Chairman, Publicity Chairman	527-9382
John Percival WI6O Secretary	232-8111
Gordon Parsons NU6W Treasurer, Chairman Finance Committee	785-4290
Vern Orme KB6OOX, Social Committee Chairman	233-4504
Bob DiSilverio KK6IJ, Field Day Chairman	420-0115
Joe Lee WB6DOB, W6CUS Trustee, Awards Chairman	724-0533
Rachel Lewellen KB6LHR, ARES/RACES EC, CC County	233-5034
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Rick Muse N6VOM, Digital Communications Chairman	524-7151
Dave Tyler N6DRT, Public Service Chairman	525-6200
Kit Chantarotwong KB6JZM, Education Chairman, Chief Elmer	222-1810
Will Nance AA6VL, Club Station Chairman	524-9231
Allen Smith AA6UX, Club Historian	524-9231
Al Streit KG6HF, Tax and Legal Adviser	525-5743
John Billones WD6GGC, Blown Fuse Editor, Publications Chairman	237-1272
Betty Baldo KB6P, Member-at-Large	653-1650
Doug Cain N6JNK, Member-at-Large	237-3294
Ralph Hall W6EFD, Member-at-Large	232-0727
Leo Lewis WA6ZFV, Member-at-Large	232-9492

AMATEUR RADIO NETS

Net	Days	Local Time	Freq-Mhz
EAST BAY AMATEUR RADIO CLUB SLOW CW NET	Weds	2000	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	Weds	2100	28.395
EAST BAY AMATEUR RADIO CLUB UHF NET	Tues	1930 (PL 127.3)	444.450
West Contra Costa County ARES/RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1920	147.485
Contra Costa Communications Club Net	Thurs	1930	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mon-Fri	1600	145.110

The BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. The BLOWN FUSE welcomes articles of interest to its members and Amateur Radio in general. The BLOWN FUSE reserves the right to edit or reject any material submitted. Material submitted becomes the property of the BLOWN FUSE. Permission is hereby granted to reproduce articles printed herewith provided proper acknowledgement is given. Publishing and layout by Editor, John Billones, WD6GGC. (Golden Gate Charlie)

Deadline for July Issue: June 28

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THE BLOWN FUSE

VOLUME XLIV NUMBER 7

CLUB STATION W6CUS

JULY 1991

COMING EVENTS:



July 12 7:30 PM ARES/RACES Meeting
8:00 PM East Bay ARC Meeting
Program: Salellite Communication
Speaker: Howard Sodja, W6SHP

July 13 8:00 AM Flea Market
Foothill College, Los Altos



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

THE EAST BAY AMATEUR RADIO CLUB, Inc.
Post Office Box 1393
El Cerrito, CA 94530

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TREASURER'S REPORT - JUNE 1991

JUNE INCOME:

New Members:

Noel Santos, AB6AC
 Dick Campbell, N6PIX
 Paul Hulse, KK6JD.....\$50.00

Membership Renewal

Mark Wilson, KC6CTU.....20.00
 Field Day Patch Sales.....3.50
 General Fund (Can).....14.95
 Station Fund (Can).....14.33
 Coffee Kitty (Can).....14.70
 Raffle Ticket Sales.....58.00
 Total June Income.....\$175.48

JUNE DISBURSEMENTS:

Power Pole Rentals (Outhouse).\$75.00
 Blown Fuse Printing.....77.90
 Blown Fuse Postage.....35.96
 Refreshments.....14.00
 Badge Hangers.....24.00
 Northbrae Community Church....50.00
 Custodian Gratuity.....10.00
 Total June Disbursements..\$286.86

BANK OF THE WEST ACCOUNTS:

General Fund (Checking).....\$544.83
 Station Fund (Savings).....\$1636.58

Please renew your membership through our Club. The Club will get \$2.00 from the annual membership fee. See the Treasurer for details.

Remember to feed the Kitty.

Gordon Parsons, NU6W
 EBARC Treasurer

Congratulations to Henry Primbsch, KK6PH, who recently upgraded to Extra Class.

The program for the coming meeting will be a talk on Satellite Communications by Howard Sodja, W6SHP.

FIELD DAY

On the week-end of June 22 & 23, the East Bay Amateur Radio Club held their annual Field Day exercise. While there were not as many visitors as in previous years, there was good participation by the Radio Amateurs.

Will, AA6VL, conducted his CW Station in a converted school bus, which worked out very well. John, WI60, successfully captained the SSB Station as in previous years. Kit, KB6JZM, set up the Novice/Tech Station as well as conducting a little Satellite and ATV activity. Gordon, KC6JAE, operated a Packet Station. Because of the close proximity to the other stronger stations, John, WD6GGC, and his little Homebrew QRP Station was "clobbered off the air". (as was expected) Jerry White, WB6IZE, brought his batteries and generator.

Joe Lee, WB6DOB, and his many contributors catered the food. As Sunday morning breakfast Joe served up a concoction that consisted of "something-or-other on a shingle", which everyone enjoyed.

Field Day Chairman. Bob diSilverio, KK6IJ, and his Committee should be commended for organizing another successful Field Day.

Recently, Rick Muse, N6VOM, donated \$150 for Club Station Equipment.

Jerry White, WB6IZE, has underwritten a Club Station expense amounting to \$700. As a reimbursement, Jerry has generously agreed to accept \$600, which is tantamount to a \$100 donation.

The Club thanks both Rick and Jerry for their generous contributions--it is greatly appreciated.

GENERAL MEETING MINUTES

June 14, 1991

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:08pm by President Harry Bier, WA6TNI. Harry welcomed the group and introduced visitor Charles P. McConnell, W6DPD, who is the Pacific Division Director for the ARRL. Charles spoke to the group about the status of H.R.73, the Amateur Radio Spectrum Protection Act in Congress. He said there are 101 co-sponsors at this time, and he urged us to write to our representatives in Congress to ask for their support. Charles also spoke about the World Administrative Radio Conference (WARC) which will meet in Spain in February, 1992. He described possible changes in the 40M band, but said they would not take effect for 15 years after WARC. For our Club raffle, Charles donated an ARRL Operating Manual.

Guests: Joe Lambert W8IXD, Charles P. McConnell W6DPD, John McConnell KC6ESL, and Larel Reyenga KC6TSY.

New Members and Upgrades: Gordon Firestein KC6JAE, introduced new members Maria Rodman, KC6J, and Paul Hulse, KK6JD. Gordon also acknowledged upgrades by Robert Marshall N6GKY to Advanced, and Henry Primbsch KK6PH, to Extra Class.

Secretary and Treasurer: The May General Meeting minutes and the Treasurer's Report as published in the June Blown Fuse were approved. Gordy Parsons, NU6W, said that he still has some of our Club Field Day patches available. He said John Billones, WD6GGC, is going to design a new patch for our 45th anniversary next year.

Publicity: Gordon Firestein has put out publicity for our Field Day, and he says Martinez may declare the week of June 17th to be "Amateur Radio Week".

Public Service and RACES: Rachel Lewellen KB6LHR, presented an Assistant E.C. certificate to Bob Hughes, N6SPY. She said that RACES members now need to re-register each year.

Digital: Rick Muse, N6VOM said the effort to

get a telephone modem link to our Club's Packet BBS is continuing. When complete, this feature will allow our members to access the BBS by phone.

Education: Kit Chantarotwong KB6JZM, said a Novice class is set to begin June 17th at the Mechanics Bank Training Center in Hercules, and a second class will start June 19th in Piedmont. A VE Exam is set for Sunday, June 23rd, at the Blood Bank in Berkeley.

Field Day: Chairman Bob DiSilverio, KK6IJ, said that we have received approval from the Albany Park and Recreation Department for use of our Field Day site at the top of Albany Hill. Bob read the list of conditions the city of Albany wants us to observe and comply with. Each of the station captains; John, W16D for SSB, Will, AA6VL for CW, and Kit, KB6JZM for the Tech/Novice station, spoke about the stations they will direct. Kit said that he will also plan to operate ATV and a satellite station. Gordon Firestein will participate with packet radio from the site. In addition, Joe Lee, WB6DOB, signed up volunteers to contribute food items for the meals during Field Day.

The meeting was adjourned at 10:00pm and followed by the raffle drawing.

John Percival, W160, Secretary.

KNOW CODE INSTEAD OF NO CODE

The Club wishes to thank the Mechanics Bank for allowing us to use their Training Facilities in Hercules for our Novice Training Class. We also thank Pat Leeds, a student in the class, for making the arrangements. The facilities are outstanding and we really appreciate it!

The Club thanks Bob "in the trailer court" Szentimrey, KC6QCG, for putting his truck at our disposal for Field Day.

ARES/RACES NET CONTROL SCHEDULE

Operator		Alternate
Barry Jennings N6KMK	07-18-91	Edmond Ng AA6LQ
Edmond Ng AA6LQ	07-25-91	Dave Tyler N6DRT
Dave Tyler N6DRT	08-01-91	Gordon Firestein KC6JAE
Gordon Firestein KC6JAE	08-08-91	Bob Hughes N6SPY

A new Monday night Novice Training Class has started at the Mechanics Bank in Hercules. Among the 16 sign-ups are several youngsters. Amateur Radio needs young people and we look forward to licensing these youngsters. Noel Santos, AB6AC, has joined John, WD6GGC, Gary, N6WVR, and Kit, KB6JZM, as an instructor.

Another Novice Training Class has started at Piedmont High School on Wednesday evenings, with 12 sign-ups. Jerry White, WB6IZE, and Mark Violet, N6RCG, are the instructors.

Education Chairman, Kit, KB6JZM, has announced that a General Class training program will be starting up soon. Contact Kit at 222-1810 for details.

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Antenna Masts	Baluns	Ground Rods
Guy Wire	Magnetic Antenna Bases	Coax Patch Cords
Wire Clamps	Trunk Mounts	Mic Plugs & Connectors
Mast Bases	Ball Mounts	PL-259's, & N Connectors
Egg Insulators	Gutter Mounts	Headphones
Dog Bone Insulators	Code Practice Oscillators	Flexible Rubber Antennas
Center Insulators	Code Practice Software	Scanner Frequency Books
Copper Wire	S.W.R. Meters	Scanner Antennas

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 (415) 685-7388

Mon-Fri: 10-5:30 Sat: 9-4

In Downtown Concord between Willow Pass Rd. & Concord Blvd.



MESSAGE FROM THE PRESIDENT

Congratulations to all participants and supporters of Field Day. It was a great success and special thanks are in order for our Field Day Chairman, Bob diSilverio, KK6IJ, and his Station Captains for a job well done. For those who were unable to participate this year, try to make it next year and join in on the fun and camaraderie. Now let's get ready for the Picnic! See you at the meeting.

Harry, WA6TNI

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CHARLES P. McCONNELL, W6DPD
DIRECTOR, ARRL PACIFIC DIVISION
1658 W. MESA AVENUE
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209-431-2038

WARC '92

The FCC has adopted its recommendations for the U.S. position to the 1992 World Administrative Radio Conference (WARC '92). These recommendations include the realignment of the Amateur and Broadcasting bands at 7 mhz to eliminate the overlap between the two services while retaining 300 kHz of bandwidth for Amateurs worldwide. A mobile satellite uplink at 2390-2430 mHz is proposed. This would come from the 2390-2450 mHz band, but Amateurs may be able to continue to share the spectrum. Some spectrum around 2.3 GHz is proposed for digital audio broadcasting, but the exact frequencies are not known at this time.

PETITION FOR RULEMAKING

On June 4, 1991, the ARRL petitioned the FCC for access by Amateurs on a secondary basis to the 216-220 mHz band. Operations would be limited to fixed, point to point circuits and would be coordinated so as to avoid interference to primary occupants including maritime mobile. Engineering studies were attached to the petition that show that limited Amateur use of the band is compatible with present and other proposed users, and with television broadcasting in the adjacent band. Access to 216-220 mHz is sought as a partial replacement for the 220-222 mHz band recently allocated to land mobile. See your *QST* for more information.

H.R. 73 UPDATE

My most recent report list 105 cosponsors of H.R. 73. There is more to be done on this legislation. Please continue to write your congressman and urge that he or she become a cosponsor.

COMING EVENTS:

1. FOOTHILL FLEA MARKET 2nd Saturday March to September at Foothill College in Los Altos.
2. LIVERMORE SWAP MEET 1st Sunday of each month at Las Positas College in Livermore, 7 AM to 12 Noon.
3. RENO HAMFEST August 3, 1991 in Reno. Contact K7HRW for information.
4. COMPUTER NETWORKING CONFERENCE Sept. 27-29, 1991 in San Jose.
5. SONOMA HAMFEST Sept. 28 1991 in Sebastopol. Contact WB2CHO for details.
6. SIERA HAMFEST AND COMPUTER FAIRE October 12, 1991 in Minden, NV. Contact W6FFT for details.
7. INTERNATIONAL DX CONVENTION April 10-12, 1992 in Visalia, CA.
8. SAN JOAQUIN VALLEY SECTION CONVENTION and 50TH FRESNO HAMFEST May 1-3, 1992 in Fresno.
9. **PACIFICON '92** Oct 16-18, 1992 in Concord.

PACIFICON '92

The Mount Diablo Amateur Radio Club (MDARC) has accepted sponsorship of PACIFICON '92, the Pacific Section convention of the Amateur Radio Relay League (ARRL). Concord's Hilton Hotel will be the site for the mid-October 1992 event.

The 1991 Pacific Coast Convention of the ARRL has been cancelled.

MDARC's PACIFICON '92 planning staff is calling for technical papers from within the ham community. A full lineup of technical sessions will be available to convention participants. The technical sessions will deal with the latest technology as it applies to amateur radio.

Volunteer Examiners certified by the ARRL will hold a test session at PACIFICON '92 for new hams and amateurs wishing to upgrade.

A major part of any ham convention is the swap meet.

Plans are well underway for one of the best swap meets in Northern California to be held during PACIFICON '92.

Plans currently call for about 30 commercial exhibitors to be available at PACIFICON '92 to show state-of-the-art ham related equipment ranging from CW gadgets to Amateur Television equipment and everything in between.

For the non-ham attending the convention, there are a number of events being planned that will showcase the San Francisco Bay Area, the Napa Valley wine country and portions of the Sacramento Valley.

"We are projecting an

attendance of about 5,000 at this early stage, and it could go much higher," says MDARC president Pete Tormey. "It's going to be a great place for 'eyeball to eyeball' contact," he said.

Watch for additional information, and make plans to attend PACIFICON '92 being held in Concord, CA in October 1992.

MAKE PLANS EARLY TO ATTEND PACIFICON '92 IN CONCORD

"It's more than a year until PACIFICON '92 gets underway in Concord, but it's not too early to begin planning for the time of your ham life."

That's the word from the PACIFICON '92 planning staff.

"There will be something for every member of the family to do during practically every second of the three days of PACIFICON '92," said Pete Tormey, N6QGN, who is chairman of PACIFICON '92 and president of sponsoring Mt. Diablo Amateur Radio Club.

"For instance," Tormey said, "we have an active group working on putting together some excellent and very worthwhile technical sessions. Another group is setting up side trips for non-hams to places like San Francisco, Marine-World, Great America and even the world famous

Napa Valley."

Tormey said, "We want PACIFICON '92 to be an event that nobody forgets. And it is sure shaping up that way," he added.

Events will also include an ARRL VEC exam session for all classes of license from Novice through Extra.

And, there will be a barrel of laughs in store for some "special events" being planned by the committee, Tormey added.



COMMITTEE LOOKING FOR GRAPHIC DESIGNER FOR PACIFICON LOGO

The PACIFICON '92 Public Relations and Publicity Committee is looking for a logo. It could easily be one YOU designed.

The logo will be used on letterhead, badges, patches and other items.

The design should incorporate the ARRL logo, the words PACIFICON '92 and Mt. Diablo - the symbol of the sponsoring Mt. Diablo Amateur Radio Club.

Paul Girard, KC6TZX, PR and publicity chairman of PACIFICON '92 says the design should be done in black and white and in versions utilizing four and six colors.

The winning design and designer will come in for some very special recognition at PACIFICON '92.

Designs should be sent not later than July 30, 1991 to:

Paul Girard, KC6TZX
Pacificon '92

3775 Walnut Avenue

Concord, CA 94519-1947

Selection of the winning design will be final and announced on August 1, 1991.

Entries in the contest will not be returned and are the property of Pacificon '92.



Our tower climber, Kit, KB6JZM, was doing his thing on Field Day, helping to put up the beam for the CW Station. The SSB Station hung their beam in the trees without the use of a tower or pole.

The Club welcomes new member, Paul Hulse, KK6JD.

The EAST BAY AMATEUR RADIO CLUB, Inc., founded in 1947 is a California nonprofit, non-stock corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any East Bay Amateur Radio Club official listed below, or write EBARC, P.O.Box 1393, El Cerrito, CA 94530.

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Harry Bier WA6TNI President	372-6755
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Craig Jordan KB6EJL 2nd VP, Hospitality Chairman	526-6818
Gordon Firestein KC6JAE 3rd VP, Membership Chairman, Publicity Chairman	527-9382
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Gordon Parsons NU6W Treasurer, Chairman Finance Committee	785-4290
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Will Nance AA6VL, Club Station Chairman	524-9231
Allen Smith AA6UX, Club Historian	524-9231
Tom Streit KG6HF, Tax and Legal Adviser	525-5743
John Billones WD6GGC, Blown Fuse Editor, Publications Chairman	237-1272
Betty Baldo KB6P, Member-at-Large	653-1650
Doug Cain N6JNK, Member-at-Large	237-3294
Ralph Hall W6EFD, Member-at-Large	232-0727
Leo Lewis WA6ZFV, Member-at-Large	232-9492

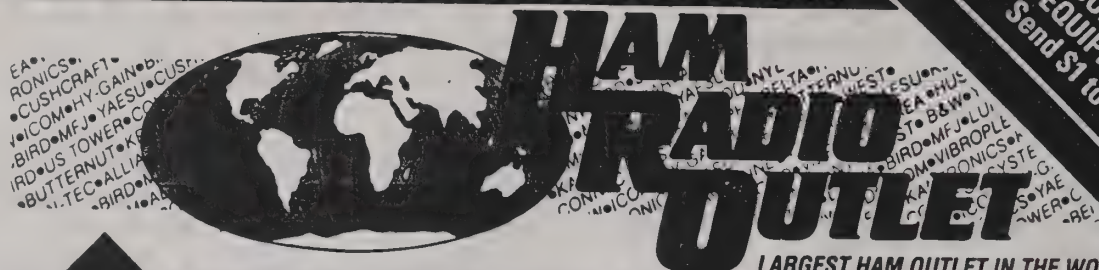
AMATEUR RADIO NETS

Net	Days	Local Time	Freq-Mhz
EAST BAY AMATEUR RADIO CLUB SLOW CW NET	Weds	2000	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	Weds	2100	28.395
EAST BAY AMATEUR RADIO CLUB UHF NET	Tues	1930 (PL 127.3)	444.450
West Contra Costa County ARES/RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1920	147.485
Contra Costa Communications Club Net	Thurs	1930	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
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Deadline for August Issue: July 26

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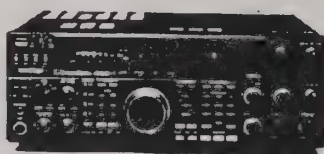
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Rich, WA9WYB, Mgr.
I-880 at 23rd Ave. ramp

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Q
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F

THE BLOWN FUSE

VOLUME XLIV NUMBER 8

CLUB STATION W6CUS

AUGUST 1991

COMING EVENTS:



Aug. 9 7:30 PM ARES/RACES Meeting
8:00 PM East Bay ARC Meeting
Speaker: Howard Sodja, W6SHP
Subject: Satellite Communication

Aug. 10 8:00 AM Flea Market
Foothill College, Los Altos



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

THE EAST BAY AMATEUR RADIO CLUB, Inc.
Post Office Box 1393
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TREASURER'S REPORT - JULY 1991

JULY INCOME:

New Members:

Robert Miller W6DXG	
Steve Ste[h]anos.....	\$20.00
Field Day Patch Sales.....	50
Coffee Kitty.....	12.65
General Fund.....	9.00
Station Fund.....	3.00
Field Day Donation Can.....	5.00
Raffle Ticket Sales:	
Blue Tickets.....	38.00
Orange Tickets.....	20.00
Total July Income.....	\$108.15

JULY DISBURSEMENTS:

Blown Fuse Printing.....	\$64.20
Blown Fuse Postage.....	22.25
Northbrae Community Church.....	50.00
Total July Disbursements..	\$136.35

BANK OF THE WEST ACCOUNTS:

Checking (General Fund).....	\$516.53
Savings (Station Fund).....	\$1636.58

Remember to renew your ARRL membership through our Club because we get a \$2.00 commission for doing this.

Remember to Feed the Kitty.

Gordon Parsons NU6W
EBARC Treasurer

The Club welcomes the following new members:

Robert Miller W6DXG
Steve Stephanos

Congratulations to the following new upgrades:

Mel Hurley, KC6FAW to General
Ralph Hall, W6EFD to Extra Class

FOR SALE

Estate Sale: Selling Amateur Computer and associate equipment of Silent Key, WB6YUO. For a listing, send an SASE to:

John Shawver, W6VOM
26323 Dodge Ave.
Hayward, CA 94545

Phone: (415) 782-4734

Will sell or trade a Complete HF Station for a mobile HF Station. All items in mint condition and original like-new cartons. For a complete listing call:

Odis Evans (OJ) N6XPY
Ph. (415) 653-0452 (AM til noon
and all day week ends)
1064 48th St.
Emeryville, CA 94608

Since moving to Bay Area unable to put up antenna--must operate mobile.

These FOR SALE listings are published to put sellers in touch with prospective buyers, as a service to our members. The East Bay Amateur Radio Club or the Blown Fuse is not responsible for any deals made.

The program for the coming meeting will be a continuation of a talk on Satellite Communication by Howard Sodja, W6SHP. Last month Howard gave us an excellent introduction to Satellite Communication. At the next meeting he will tell us how to do it.

Education Chairman, Kit, KB6JZM, announces that a General to Extra Training Class is starting at the Richmond Red Cross on Wed., Aug. 7, from 7 to 9 PM. Both code and theory will be covered. All you up-grade candidates take note!

DIRECTOR
CHARLES P. MCCONNELL W6DPD
1658 W. MESA AVENUE
FRESNO, CA 93711-1944
(209) 431-2038



MEMBERS OF THE PACIFIC DIVISION.

H.R. 73, THE AMATEUR RADIO SPECTRUM PROTECTION ACT OF 1991

This bill was introduced into the House of Representatives by Rep. Jim Cooper (D. Tenn). It proposes to prevent the FCC from reallocating Amateur frequencies or if they are to reallocate they must be replaced with comparable spectrum. The details are in the March 1991 QST for complete details. If you have written your Congressman to urge his/her support and co-sponsorship of H.R. 73, thank-you very much. If you have not written your Congressman, please do so immediately. It is very important that there be as many co-sponsors as can be found before this legislation enters the hearing process.

When you write your representative, please send a copy of your letter to Perry Williams, W1UED, at ARRL Headquarters. He will contact those Congressmen who have been contacted by their constituents. This will help to get the 218 co-sponsors that are needed. Please do your part to help get H.R. 73 passed into law.

THE DAWN OF A NEW ERA

On February 14, 1991, Amateur Radio changed. For the first time an Amateur License can be obtained without mastery of the International Morse Code. Will this hurt Amateur Radio? Probably not. Will it help Amateur Radio? Probably so. The no-code technician will attract new Amateurs who will have much to offer to Amateur Radio. We must put aside past prejudices behind us and work for a stronger and better Amateur Radio Service. We must welcome these new Amateurs into the service and involve them in all activities. Our clubs can use the new Amateurs to swell their rosters and to increase participation in their activities. We must involve them in training programs. Many will learn the code and will upgrade. The FCC has given us the ball, let's go for a homerun, not a fly out.

Amateur Radio is growing in numbers. As of the end of March there were over 507,000 Amateurs. Now there is a large backlog of license applications waiting processing at the FCC.

SIX LAND QSL BUREAU

All Amateurs should have envelopes at the Sixth District QSL Bureau for the return of their cards. For \$2 and 5 self addressed labels you can have 5 envelopes with one unit of first class postage. You can send your own 5 X 7 1/2 inch self addressed envelopes with your call in the upper left hand corner. Send your envelopes or money to the ARRL Sixth District QSL Bureau, P.O. Box 1460, Sun Valley, CA 91352. If your cards are not claimed within a certain period of time, they may be destroyed. The Bureaus do not have unlimited storage for unclaimed cards.

THE BASE STATION

Your Contra Costa Ham Radio Headquarters

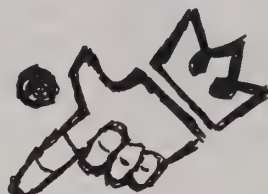
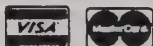
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 Benchner Paddles
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 Cushcraft VHF & UHF Antennas
 Hustler Mobile Antennas, Mounts & Brackets
 Gordon West Books and Code Practice Tapes
 Larsen V.H.F. & U.H.F. Mobile Antennas & Mounts
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 Mirage V.H.F. & U.H.F. Amplifiers
 Wm. Nye Code Keys & Oscillators
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Dog Bone Insulators	Code Practice Oscillators	Flexible Rubber Antennas
Center Insulators	Code Practice Software	Scanner Frequency Books
Copper Wire	S.W.L. Meters	Scanner Antennas

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MESSAGE FROM THE PRESIDENT:

September is Picnic month. This should give better weather than August, which traditionally has been more windy than September. We will have both the Club meeting and the Picnic in September. Our Social Committee Chairman, Vern Orme, AA6YE, will announce the date and place at the coming meeting and subsequently in the next issue of the Blown Fuse. We look forward to seeing you and your family at the Picnic.

Harry, WA6TNI

NOTES FROM GOLDEN GATE CHARLIE

"Know code instead of no code". This statement was used as a "filler" in the last couple issues of the Blown Fuse. It was pointed out that this could mean that the East Bay Amateur Radio Club does not welcome the No-Code Licensees. Such is not the case and the East Bay Amateur Radio Club welcomes everyone. I apologize to any one who took it this way.

As an instructor in our Novice Training Program, I urge all students to learn the code, not because I oppose No-Code; but because the No-Code License is a very limited license. I encourage all to learn code so they may upgrade and enjoy all the privileges that Amateur Radio has to offer.

The East Bay Amateur Radio Club welcomes everyone--Code People, No Code People, Licensed People, and Unlicensed People!

There will be an Amateur Test Session on Saturday, August 17, starting at 9:30 AM at the Blood Bank in Oakland. The address is 6230 Claremont Ave., Oakland. Tests for all Classes, Novice through Extra Class will be given--both theory and code. There is a \$5.25 fee except for Novice, which is free. All applicants must bring 2 forms of identification--one photographic. Those upgrading should bring the original and a photocopy of their present license. Note: We have been asked to not park in spaces reserved for "donor".

SILENT KEY

We are saddened to hear of the death of long time member, Fred Strehlan, NW6E. He will certainly be missed by his many Ham friends.

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Ralph Hall W6EFD, Member-at-Large	232-0727
Leo Lewis WA6ZFV, Member-at-Large	232-9492

AMATEUR RADIO NETS

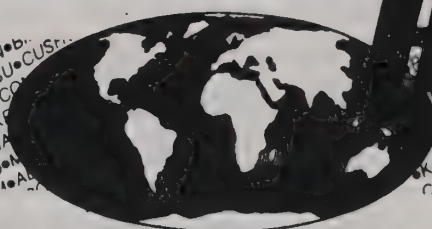
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Deadline for September Issue: August 30

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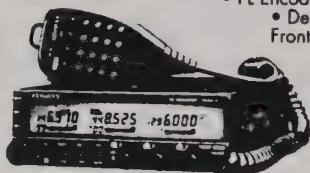
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150W HF Dual Receive

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(800) 444-0047
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(800) 444-9476
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Tom, KM6K, Mgr.
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OFFICIAL NEWSLETTER OF THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

VOLUME XLIV NUMBER 8

CLUB STATION W6CUS

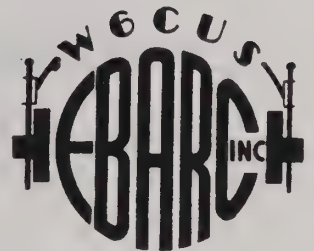
AUGUST 1991

COMING EVENTS:



Aug 9 7:30 PM ARES/RACES Meeting
8:00 PM East Bay ARC Meeting
Speaker: Howard Sodja, W6SHP
Subject: Satellite Communication

Aug.10 8:00 AM Flea Market
Foothill College, Los Altos



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

**THE EAST BAY AMATEUR RADIO CLUB, Inc.
Post Office Box 1393
El Cerrito, CA 94530**

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TREASURER'S REPORT - JULY 1991

JULY INCOME:

New Members:

Robert Miller W6DXG
Steve Stephanos.....\$20.00
Field Day Patch Sales.....50
Coffee Kitty.....12.65
General Fund.....9.00
Station Fund.....3.00
Field Day Donation Can.....5.00
Raffle Ticket Sales:
Blue Tickets.....38.00
Orange Tickets.....20.00
Total July Income.....\$108.15

JULY DISBURSEMENTS:

Blown Fuse Printing.....\$64.20
Blown Fuse Postage.....22.25
Northbrae Community Church.....50.00
Total July Disbursements..\$136.35

BANK OF THE WEST ACCOUNTS:

Checking (General Fund).....\$516.53
Savings (Station Fund).....\$1636.58

Remember to renew your ARRL membership through our Club because we get a \$2.00 commission for doing this.

Remember to Feed the Kitty.

Gordon Parsons NU6W
EBARC Treasurer

The Club welcomes the following new members:

Robert Miller W6DXG
Steve Stephanos

Congratulations to the following new upgrades:

Mel Hurley, KC6FAW to General
Ralph Hall, W6EFD to Extra Class

FOR SALE

Estate Sale: Selling Amateur Computer and associate equipment of Silent Key, WB6YUO. For a listing, send an SASE to:

John Shawver, W6VOM
26323 Dodge Ave.
Hayward, CA 94545

Phone: (415) 782-4734

Will sell or trade a Complete HF Station for a mobile HF Station. All items in mint condition and original like-new cartons. For a complete listing call:

Odis Evans (OJ) N6XPY
Ph. (415) 653-0452 (AM til noon
and all day week ends)
1064 48th St.
Emeryville, CA 94608

Since moving to Bay Area unable to put up antenna--must operate mobile.

These FOR SALE listings are published to put sellers in touch with prospective buyers, as a service to our members. The East Bay Amateur Radio Club or the Blown Fuse is not responsible for any deals made.

The program for the coming meeting will be a continuation of a talk on Satellite Communication by Howard Sodja, W6SHP. Last month Howard gave us an excellent introduction to Satellite Communication. At the next meeting he will tell us how to do it.

Education Chairman, Kit, KB6JZM, announces that a General to Extra Training Class is starting at the Richmond Red Cross on Wed., Aug. 7, from 7 to 9 PM. Both code and theory will be covered. All you up-grade candidates take note!

DIRECTOR
CHARLES P. MCCONNELL W6DPD
1658 W. MESA AVENUE
FRESNO, CA 93711-1944
(209) 431-2038



MEMBERS OF THE PACIFIC DIVISION.

H.R. 73, THE AMATEUR RADIO SPECTRUM PROTECTION ACT OF 1991

This bill was introduced into the House of Representatives by Rep. Jim Cooper (D. Tenn). It proposes to prevent the FCC from reallocating Amateur frequencies or if they are to reallocate they must be replaced with comparable spectrum. The details are in the March 1991 QST for complete details. If you have written your Congressman to urge his/her support and co-sponsorship of H.R. 73, thank-you very much. If you have not written your Congressman, please do so immediately. It is very important that there be as many co-sponsors as can be found before this legislation enters the hearing process.

When you write your representative, please send a copy of your letter to Perry Williams, W1UED, at ARRL Headquarters. He will contact those Congressmen who have been contacted by their constituents. This will help to get the 218 co-sponsors that are needed. Please do your part to help get H.R. 73 passed into law.

THE DAWN OF A NEW ERA

On February 14, 1991, Amateur Radio changed. For the first time an Amateur License can be obtained without mastery of the International Morse Code. Will this hurt Amateur Radio? Probably not. Will it help Amateur Radio? Probably so. The no-code technician will attract new Amateurs who will have much to offer to Amateur Radio. We must put aside past prejudices behind us and work for a stronger and better Amateur Radio Service. We must welcome these new Amateurs into the service and involve them in all activities. Our clubs can use the new Amateurs to swell their rosters and to increase participation in their activities. We must involve them in training programs. Many will learn the code and will upgrade. The FCC has given us the ball, let's go for a homerun, not a fly out.

Amateur Radio is growing in numbers. As of the end of March there were over 507,000 Amateurs. Now there is a large backlog of license applications waiting processing at the FCC.

SIX LAND QSL BUREAU

All Amateurs should have envelopes at the Sixth District QSL Bureau for the return of their cards. For \$2 and 5 self addressed labels you can have 5 envelopes with one unit of first class postage. You can send your own 5 X 7 1/2 inch self addressed envelopes with your call in the upper left hand corner. Send your envelopes or money to the ARRL Sixth District QSL Bureau, P.O. Box 1460, Sun Valley, CA 91352. If your cards are not claimed within a certain period of time, they may be destroyed. The Bureaus do not have unlimited storage for unclaimed cards.

THE BASE STATION

Your Contra Costa Ham Radio Headquarters

A.E.A. Interfaces, T.N.C.'s & Antennas
 Ameco Books, Code Keys & Oscillators
 Amphenol Coax Connectors
 Astron Regulated Power Supplies
 A.R.R.L. License Manuals, Books, Tapes & Reference Guides
 Avanti/Antenna Specialists "On Glass" Antennas
 A.O.R. Ace Scanning Receivers
 Bencher Paddles
 B. & W. Antennas, Coax Switches & Accessories
 Bearcat/Uniden Scanners
 Butternut Antennas
 Callbooks, Maps, Guides & Supplements
 Carol/Columbia Coax Cable
 Cushcraft VHF & UHF Antennas
 Hustler Mobile Antennas, Mounts & Brackets
 Gordon West Books and Code Practice Tapes
 Larsen V.H.F. & U.H.F. Mobile Antennas & Mounts
 M.F.J. Keyers, Tuners, T.N.C.'s, Switches & Access.
 Mirage V.H.F. & U.H.F. Amplifiers
 Wm. Nye Code Keys & Oscillators
 P.C. Electronics Amateur TV Converters & Xmitrs.
 Van Gordon Antennas, Insulators & Wire
 Yaesu H.F., V.H.F. & U.H.F. Transceivers & Accessories

Antenna Masts
 Guy Wire
 Wire Clamps
 Mast Bases
 Egg Insulators
 Dog Bone Insulators
 Center Insulators
 Copper Wire

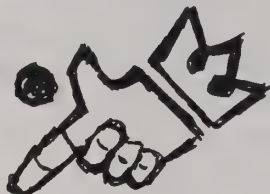
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 Magnetic Antenna Bases
 Trunk Mounts
 Ball Mounts
 Guitar Mounts
 Code Practice Oscillators
 Code Practice Software
 S.W.L. Meters

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 Coax Patch Cords
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 Headphones
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 (415) 685-7388

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In Downtown Concord between Willow Pass Rd. & Concord Blvd.



MESSAGE FROM THE PRESIDENT:

September is Picnic month. This should give better weather than August, which traditionally has been more windy than September. We will have both the Club meeting and the Picnic in September. Our Social Committee Chairman, Vern Orme, AA6YE, will announce the date and place at the coming meeting and subsequently in the next issue of the Blown Fuse. We look forward to seeing you and your family at the Picnic.

Harry, WA6TNI

NOTES FROM GOLDEN GATE CHARLIE

"Know code instead of no code". This statement was used as a "filler" in the last couple issues of the Blown Fuse. It was pointed out that this could mean that the East Bay Amateur Radio Club does not welcome the No-Code Licensees. Such is not the case and the East Bay Amateur Radio Club welcomes everyone. I apologize to any one who took it this way.

As an instructor in our Novice Training Program, I urge all students to learn the code, not because I oppose No-Code; but because the No-Code License is a very limited license. I encourage all to learn code so they may upgrade and enjoy all the privileges that Amateur Radio has to offer.

The East Bay Amateur Radio Club welcomes everyone--Code People, No Code People, Licensed People, and Unlicensed People!

There will be an Amateur Test Session on Saturday, August 17, starting at 9:30 AM at the Blood Bank in Oakland. The address is 6230 Claremont Ave., Oakland. Tests for all Classes, Novice through Extra Class will be given--both theory and code. There is a \$5.25 fee except for Novice, which is free. All applicants must bring 2 forms of identification--one photographic. Those upgrading should bring the original and a photocopy of their present license. Note: We have been asked to not park in spaces reserved for "donor".

SILENT KEY

We are saddened to hear of the death of long time member, Fred Strehlan, NW6E. He will certainly be missed by his many Ham friends.

The EAST BAY AMATEUR RADIO CLUB, Inc., founded in 1947 is a California nonprofit, non-stock corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any East Bay Amateur Radio Club official listed below, or write EBARC, P.O.Box 1393, El Cerrito, CA 94530.

At present, the East Bay Amateur Radio Club maintains a club station: the WA6JSO Memorial Station, at the Richmond Red Cross, 32nd & MacDonald in Richmond. The Club callsign is W6CUS. W6CUS-1 PACKET VHF/HF BBS GATEWAY, 145.09 Mhz, 223.52 Mhz.; N6EEG PACKET VHF/HF GATEWAY, 10.147 Mhz, 144.97 Mhz.

1991 EAST BAY AMATEUR RADIO CLUB, INC. EXECUTIVE BOARD

Harry Bier WA6TNI President	372-6755
Sam Watson N6VIF 1st VP, Program Chairman	223-6408
Craig Jordan KB6EJL 2nd VP, Hospitality Chairman	526-6818
Gordon Firestein KC6JAE 3rd VP, Membership Chairman, Publicity Chairman	527-9382
John Percival WI6O Secretary	232-8111
Gordon Parsons NU6W Treasurer, Chairman Finance Committee	785-4290
Vern Orme AA6YE Social Committee Chairman	233-4504
Bob DiSilverio KK6IJ, Field Day Chairman	420-0115
Joe Lee WB6DOB, W6CUS Trustee, Awards Chairman	724-0533
Rachel Lewellen KB6LHR, ARES/RACES EC, CC County	233-5034
Bob Hughes N6SPY, RFI Committee Chairman, Asst Treasurer	527-7048
Rick Muse N6VOM, Digital Communications Chairman	526-7040
Dave Tyler N6DRT, Public Service Chairman	525-6200
Kit Chantarotwong KB6JZM, Education Chairman, Chief Elmer	222-1810
Will Nance AA6VL, Club Station Chairman	524-9231
Allen Smith AA6UX, Club Historian	524-9231
Al Streit KG6HF, Tax and Legal Adviser	525-5743
John Billones WD6GGC, Blown Fuse Editor, Publications Chairman	237-1272
Betty Baldo KB6P, Member-at-Large	653-1650
Doug Cain N6JNK, Member-at-Large	237-3294
Ralph Hall W6EFD, Member-at-Large	232-0727
Leo Lewis WA6ZJV, Member-at-Large	232-9492

AMATEUR RADIO NETS

Net	Days	Local Time	Freq-Mhz
EAST BAY AMATEUR RADIO CLUB SLOW CW NET	Weds	2000	21.115
EAST BAY AMATEUR RADIO CLUB SSB NET	Weds	2100	28.395
EAST BAY AMATEUR RADIO CLUB UHF NET	Tues	1930 (PL 127.3)	444.450
West Contra Costa County ARES/RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1920	147.485
Contra Costa Communications Club Net	Thurs	1930	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mon-Fri	1600	145.110

The BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. The BLOWN FUSE welcomes articles of interest to its members and Amateur Radio in general. The BLOWN FUSE reserves the right to edit or reject any material submitted. Material submitted becomes the property of the BLOWN FUSE. Permission is hereby granted to reproduce articles printed herewith provided proper acknowledgement is given. Publishing and layout by Editor, John Billones, WD6GGC. (Golden Gate Charlie)

Deadline for September Issue: August 30

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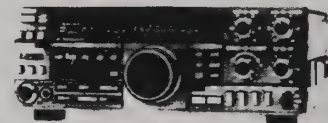
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THE BLOWN FUSE

VOLUME XLIV NUMBER 9

CLUB STATION W6CUS

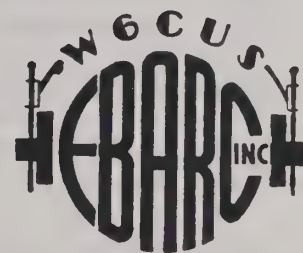
September 1991

COMING EVENTS:



Sept. 13 7:30 PM ARES/RACES Meeting
8:00 PM EAST BAY ARC Meeting
Speaker: Jerry Boyd KG6LF
Police Chief of
Martinez

Sept. 14 8:00 AM Flea Market (Last of the Season)
Foothill College, Los Altos



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
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GENERAL MEETING MINUTES
July 12, 1991

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:00pm by President Harry Bier, WA6TNI.

The minutes of the June meeting were approved as printed in the July Blown Fuse.

Treasurer Gordy Parsons reviewed his monthly financial report printed in The Blown Fuse.

Bob DiSilverio was congratulated for how well our Field Day operation went.

New Members: Gordon Firestein KC6JAE, introduced new members Rob Miller W6UXS, and Steve Stephanos who both joined at this meeting.

Education: Kit Chantarotwong KB6JZM, said the Novice classes are going well, and they will try to keep them going so new people can still join in.

Publicity: Gordon Firestein has proposed that the Club obtain a phone line to allow people to call and get information about our Club. The idea would be to get a listing in the telephone directory so that interested people can find a radio club or get info on amateur radio. He said it would cost \$40 per month for service with call forwarding. Bob Hughes N6SPY said he would help look into this and suggested that a "life-line" service with an answering machine might be a lower cost approach.

Program: Our Guest Speaker was Howard Sodja, W6SHP, who spoke on the subject of Satellite Communications. Howard related the history of Amateur Radio satellites from Oscar I up to the present and plans for the future. In part two of his talk to be given in August, Howard will discuss the practical "How-To" aspects of satellite operation.

The meeting was adjourned at 9:55pm and followed by the raffle drawing.

John Percival, W160, Secretary.

Congratulations to Bob Hughes, N6SPY who recently upgraded to General Class.

WEST CONTRA COSTA
ARES / RACES

For those of you that have not checked into the Thursday night net, Rachel and I have switched Emergency Coordinator positions. I have assumed the EC position and she has assumed one of the Assistant EC positions. MANY THANKS, RACHEL, FOR ALL OF THE HARD WORK AND TIME YOU HAVE SPENT AS THE EC. WITHOUT IT WEST CONTRA COSTA ARES/RACES WOULD HAVE GONE DOWN THE "TUBES".

There are several events coming up during the month of September for ARES/RACES members. Participation from as many members as possible will be greatly appreciated.

09/21/91 - Sat. - 0900 to 1200 hrs
RACES training session at the Fire College on Treat Blvd in Concord. For those of you that have not signed the new Emergency Service Worker's registration sheet, you will be able to do so then. This training will be geared towards the November S.E.T.

09-28-91 - Sat. - 0800 to 1500 hrs
Tri-Cities Safety Days at the El Cerrito Plaza. Hopefully, we will be able to put on several different type of displays such as packet and ATV. We will also need to provide several shifts of Shadows. This will be discussed further at the September meeting.

REMINDER: Please check into the weekly ARES/RACES net on Thursday nights at 1900 hrs. This is one way to keep current on ARES/RACES changes and events. My goal is to beat Central County's check-in total every week.

If anyone has any suggestions for events or programs. Please let me know.

Bob, N6SPY, E.C. for WCC.

GENERAL MEETING MINUTES

August 9, 1991

The regular meeting of the East Bay Amateur Radio Club was called to order by President Harry Bier at 8:15 pm on Aug. 9, 1991, at the Northbrae Community Church.

The Minutes of the July Meeting will appear in the September issue of The Blown Fuse.

Treasurer reported: \$108.15 Income, \$136.40 Disbursements, \$516.53 General Fund and \$1,636.58 in the Station Fund. Adjustment of the Postage will be corrected.

There WILL be a regular meeting on the 13th of September, and in addition, we will hold our Annual Picnic on Sunday, Sept. 22, at Knox/Miller Park in Point Richmond (same place as last year). Any helpful ideas will be welcomed by the Picnic Committee (Vern Orme, Joe Lee and Rich Fish).

Gordon Firestein said anyone interested in joining the club can give him info on any type of paper for the present time rather than wait for the new application forms to be printed.

Christmas Party will be at Uncle Chungs, 2550 Appian Way, Pinole (Pinole Vista Shopping Center). It will cost \$20.00 per plate (there are 10 different items on the dinner to be enjoyed by each).

Bob DiSilverio gave a final report on Field Day.

Trustee: Joe Lee affirmed that W6CUS has been down and hopes that all will be running soon.

ARES/RACES date to remember: A RACES TRAINING session will be held at 9:00AM on Saturday, SEPT 21, 1991 at The FIRE COLLEGE on TREAT BLVD in CONCORD. TRI-CITY SAFETY DAY will be on SAT. 8:30 AM, SEPT. 28, 1991 in the El Cerrito Plaza Shopping Center. We need 10 to 15 persons to give a good coverage of a display table and shadows for the necessary dignitaries.

Also thanks to all who participated in the Contra Costa/Solano Counties American Lung "Wine Country Bike Ride". This was our 4th year helping this group.

Bob N6SPY and Rick N6VOM of the Digital Committee said we are having problems with W6CUS but we hope it will be OK soon.

Public Service: Dave Tyler gave a report of a meeting he had attended recently.

Education: Kit KB6JZM said we have two

novice classes on-going, one in Piedmont and one in Hercules.

There is a group starting a 1296 Repeater in this area, however it is not club sponsored at this time, and the equipment has been ordered. Anyone interested in more information may contact Henry Primbsch, KK6PH.

Old Business: The computer that Jerry White underwrote for the club has been paid off. \$600.00 was collected and Jerry donated the last \$100.00 himself. Thank you Mr. Jerry White.

At this time there was a break followed by the Guest Speaker, Mr. Howard Sodja, W6SHP. His talk was a continuation of the July program on the subject of amateur radio Satellite communication.

(Secretary's Note: I wish to express my sincere thanks to Rachel, KB6LHR, who took notes in my absence and then compiled the minutes for the August meeting.)

John Percival, W160, Secretary.

Joe Lee, WB6DOB, reports that he has several badges to be picked up by those who have them on order. He also has some "Past President" hangers for those who need them. the cost of badges has gone up. Hereafter the cost for a badge will be \$4.40.

Ham Radio Outlet's Burlingame store has moved to Sunnyvale. The new address is: 510 Lawrence Expressway #102, Sunnyvale Ph (408) 736-9496

GRAND OPENING & T.G.I.K Day
Saturday September 14

On August 10, 11 & 12, the following Club members supplied communications for the American Lung Association 3 day Wine Country Bicycle Tour: KB6JZM, N6WVR, KK6PH, AA6XZ, AA6AZ, KK6UZ, KC6VLL, N6JGC, and N6DRT.

TREASURER'S REPORT - AUGUST 1991

AUGUST INCOME:

New Members:

Nick Calvan KB6TCB,
Mark McLean, Fred Nieman
KC6VLL.....\$30.00

New Family Membership:

George KK6JK & Sheri
KC6IDP Clyde.....12.00

Reinstated Member:

Amos Johnson WA6OUO.....10.00

Base Station Check.....18.00

ARRL Membership

Dave Reichard KB6UYP.....30.00

Station Fund Can.....5.00

General Fund Can.....15.73

Coffee Kitty Can.....10.70

Raffle Ticket Sales.....23.00

Total Aug. Income.....\$154.43

AUGUST DISBURSEMENTS:

Blown Fuse Printing.....\$36.53

Blown Fuse Postage.....37.70

Bal.-July Blown Fuse.....14.00

Reimbursement to Gerry White

Computer Fund Retirement...600.00

Northbrae Community Church....51.00

ARRL Renewal (KB6UYP).....28.00

Total Aug Disbursements..\$767.23

BANK OF THE WEST ACCOUNTS:

Checking (General Fund).....\$475.73

Savings (Station Fund).....\$1055.88

Remember to Feed the Kitty,

Gordon Parsons, NU6W
EBARC Treasurer

Lately, the ARES\RACES Net has been having problems with the control operators, either not being there or not performing correctly. To remedy this situation, Rachel, KB6LHR, ARES\RACES EC, has decided to have one qualified operator for an entire month. Bob Hughes, N6SPY, is currently handling it. More details later.

We all mourn the death of Carl Eastman, KA6OLK, who had been in failing health for some time. Carl had many friends in the Ham community and will certainly be missed as a person. We will also miss his technical expertise, which he was always willing to share. One could always count on Carl monitoring the 145.11 repeater, ready to offer technical assistance or just friendly conversation to anyone. Carl, we will miss you!

The Western Service Workers Assn. of Oakland has several working computers that they would like to trade for Amateur Radio equipment. Anyone interested may call Gary Johnson at 832-2111 for more information.

Joe Lee, WB6DOB, is trying to locate a current "Tune in the World" Novice manual for a handicapped person. Anyone who has one to donate, please call Joe.

The following is a condensation of an article by WA5HQJ:

FOX HUNTING

Many who have tried Fox Hunting at picnics and other Ham affairs have been disappointed in their results. This is usually because of not enough preparation and equipment that is not suitable.

This article will describe some equipment that can be constructed by anyone, with parts that are readily available. The fixed attenuators are modified Radio Shack part No. 15-1257A, costing about \$2.25 each. (2 needed) The third attenuator is a Radio Shack part No. 15-578, costing about \$6.50. (no modification) The receiver can be any handheld with an "S" meter.

Next month we will show how to build and use the equipment.

MESSAGE FROM THE PRESIDENT:

The September meeting promises to be a most interesting one. Jerry Boyd, KG6LF, Chief of Police of Martinez (my home town) will be our guest speaker. Don't miss this one!

And it's Picnic Time! Bring your YL, XYL, OM, friends and kids. It's time for our families to get together and have fun. I look forward to seeing you and your families at the Picnic.

73, Harry WA6TNI

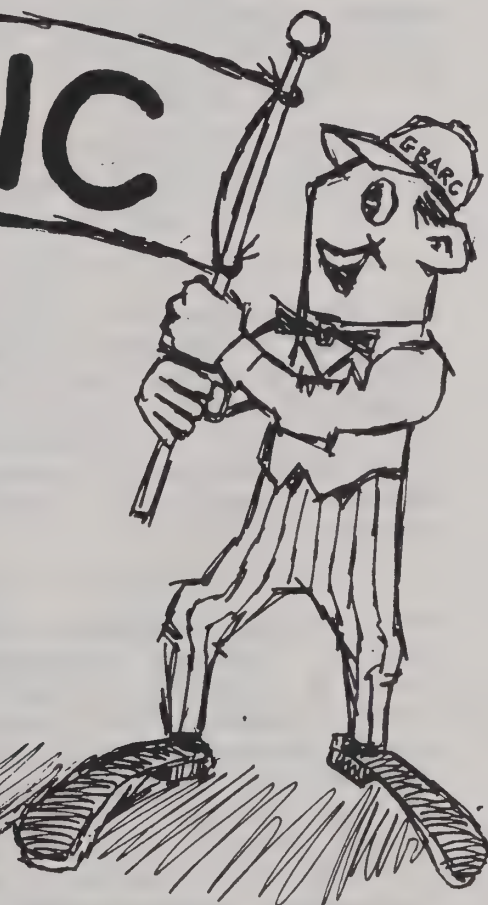
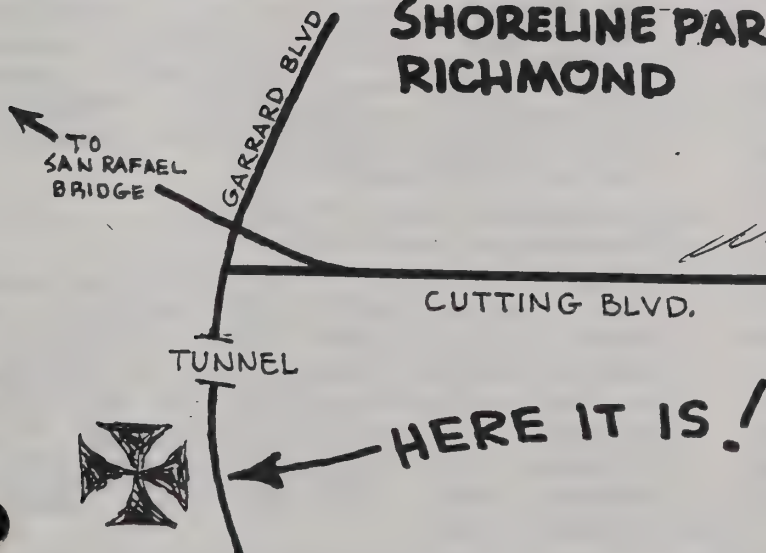
The Club welcomes the following new members:

Fred Neiman KC6VLL
Nick Calvin KB6TCB
George Clyde KK6JK
Sheri Clyde KC6IDF
Mark McLean

Don't forget to take part in the Club's various nets. The Slow Speed CW Net meets every Wednesday night at 8 PM local time on 145.11 Mhz. The SSB Net meets on the same night at 9 PM on 28.395 Mhz. We have another net on Tuesday night at 7:30 PM local time on 444.45 Mhz. (PL 127.3)

EBARC PICNIC

SUN. SEPT. 22
11AM TIL ?
MILLER KNOX REGIONAL
SHORELINE PARK,
RICHMOND



Our annual Picnic is set for Sunday, September 22 at Miller Knox Regional Park in Richmond. Drive west on Cutting; turn left at Garrard; go through the tunnel; and the Park will be on the right. This is the same location as last year,

Howard Sodja, W6SHP, who spoke at our last meeting, will give a demonstration on Satellite Communication. There will also be the usual activities such as the Left Foot CW Contest, etc.

While the Club will be supplying the hamburgers and hot dogs, any donations of salads, desserts, etc, will be appreciated.

This was set up by Vern Orme, our Social Committee Chairman. He will be assisted by Joe Lee, WB6DOB, and Rich Fish, N6IIW.

Please keep in mind that there will be a regular Club meeting in September, along with the Picnic.

The speaker at our September meeting will be Jerry Boyd, KG6LF. In addition to being a Ham, Jerry is the Chief of Police/Disaster Coordinator for the City of Martinez. He will talk on Emergency Communications and about their well equipped mobile command vehicle.

The annual Christmas Dinner has been set for Sunday, December 15 at Uncle Chung's in Pinole. Last year, many people came at the last minute with no advance reservations. This caused many problems and was unfair to the restaurant. This year, to avoid problems and in consideration for the restaurant, we will be forced to require advance reservations and payments (\$20 per dinner) We will sell tickets. This announcement is being made in plenty of time for all to make plans. More details will be forthcoming.

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Joe Lee, WB6DOB, who is on the program committee, is collecting entries for a possible "home brew" or "show and tell" night planned for the future. Anyone with a project they would like to share, please contact Joe. These may include rigs, keyers, antennas, hookups, "hints and kinks"--anything pertaining to Amateur Radio.

Congratulations to a new group that has started up in our midst, the 23cm Club. They have a 23cm repeater and are dedicated to the use of and experimentation in the UHF portion of the radio spectrum. For information, contact Gerry White, WB6IZE; Kit, KB6JZM; or Henry KK6PH.

The East Bay Amateur Radio Club, Inc. founded in 1947 is a California nonprofit corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any EBARC club official listed below or write EBARC, P.O. Box 1393, El Cerrito, CA 94530.

At present, the East Bay Amateur Radio Club maintains a club station at the Richmond Red Cross, 32nd and Macdonald, Richmond. The club callsign is W6CUS. W6CUS-1 PACKET VHF/HF BBS GATEWAY, 145.09 Mhz, 223.52 Mhz: N6EEG PACKET VHS/HF GATEWAY, 10.147 Mhz, 144.97 Mhz.

1991 EAST BAY AMATEUR RADIO CLUB, INC EXECUTIVE BOARD

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AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ-MHZ
East Bay Amateur Radio Club Slow CW Net	Weds	2000	21.115
East Bay Amateur Radio Club SSB Net	Weds	2100	28.395
East Bay Amateur Radio Club UHF Net	Tues	1930 (PL 127.3)	444.450
West Contra Costa County ARES/RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1920	147.48S
Contra Costa Communications Club Net	Thurs	1930	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfant/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mon-Fri	1600	145.110

The BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. The Blown Fuse welcomes articles of interest to its members and Amateur Radio in general. The Blown Fuse reserves the right to edit or reject any material submitted. Material

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Deadline for Oct. Issue: Sept. 27

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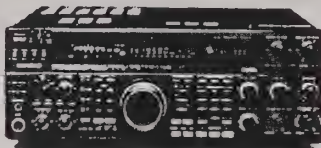
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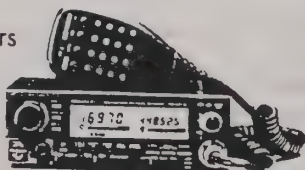


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OFFICIAL NEWSLETTER OF THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

VOLUME XLIV NUMBER 10

CLUB STATION W6CUS

OCTOBER 1991

COMING EVENTS:



Oct 11 7:15 PM ARES/RACES Meeting
8:00 PM East Bay ARC Meeting
Speaker: Donald Kojam
Perham Foundation



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

THE EAST BAY AMATEUR RADIO CLUB, Inc.
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TREASURER'S REPORT-SEPTEMBER-1991

SEPTEMBER INCOME:

Membership renewal:

Gerry White WB6IZE.....\$20.00
HRO Check.....60.00
Raffle Ticket Sales.....50.50
Station Fund Can.....2.15
General Fund Can.....14.00
Coffee Kitty Can.....10.00
Total Sept Income.....\$156.65

SEPTEMBER DISBURSEMENTS:

Blown Fuse Printing.....\$64.95
Blown Fuse Postage.....38.57
Northbrae Community Church....50.00
Custodian Gratuity.....10.00
Total Sept Disbursements.\$163.52

BANK OF THE WEST ACCOUNTS:

Checking (General Fund).....\$416.21
Savings (Station Fund).....\$1108.53

We are now collecting Membership Dues for 1992. Some may think this is too soon, but with the Christmas Party coming soon many people will either confuse the cost of the dinner ticket (\$20.00 per plate), thinking they've paid their dues, or or they may postpone payment until after the first of the year. The 1992 dues are the same as this year. \$20 Regular or \$24 Family. Please pay your Membership Dues before Dec. 31.

Remember to Feed the Kitty,

Gordon Parsons NU6W
EBARC Treasurer

The speaker at the coming meeting will be Donald Koijam from the Perham Foundation. He will talk about old time radio and the early station in San Jose. He should also tell us about the Electronics Museum at Foothill College. This is a subject that should be of interest to all of us.

EBARC held the annual picnic on September 22 at Miller Knoll Regional Shoreline Park in Richmond. The weather gave us full cooperation; it was a beautiful day, except for a lack of wind for kite flying. Everyone enjoyed hot dogs, hamburgers and barbecued chicken, plus the items that members brought with them.

Gerry White, WB6IZE, conducted a demonstration of direction finding using the direction finder shown in this issue. Howard Sodja, W6SHP, assisted by Kit, KB6JZM, demonstrated satellite communication. Joe Lee, WB6DOB, "slaved over a hot grill" most of the day preparing the food.

Vern Orme, AA6YE, and his committee, Joe Lee, WB6DOB, and Rich Fish, N6IIW, should be commended for setting up another successful picnic.

* * * CHRISTMAS PARTY * * * * * * DECEMBER 15 * * *

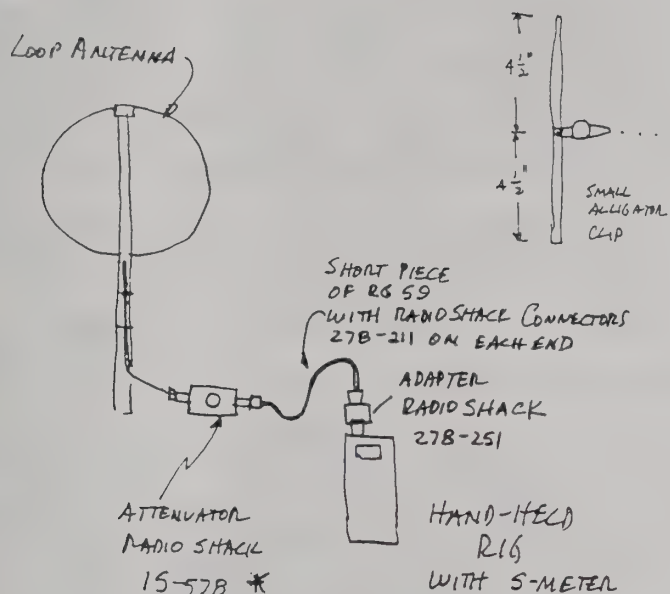
We had an interesting guest at our last meeting in Richmond W.K. Harding, W6/EC2BG, who came to America from Liberia. Because of the current Civil War in Liberia, Richmond and his family were forced to flee for their lives since Hams were sought after by both sides of the conflict.

Richmond is an Engineer and has a General Class Amateur License. He and his family now reside in San Pablo, where he is seeking employment. He hopes to return to his homeland once the conflict is over.

In the mean time Richmond has submitted his application for membership in the East Bay Amateur Radio Club. We look forward to his participation in our activities.

How to build and use the Fox Hunting equipment.

.... Continued from last month



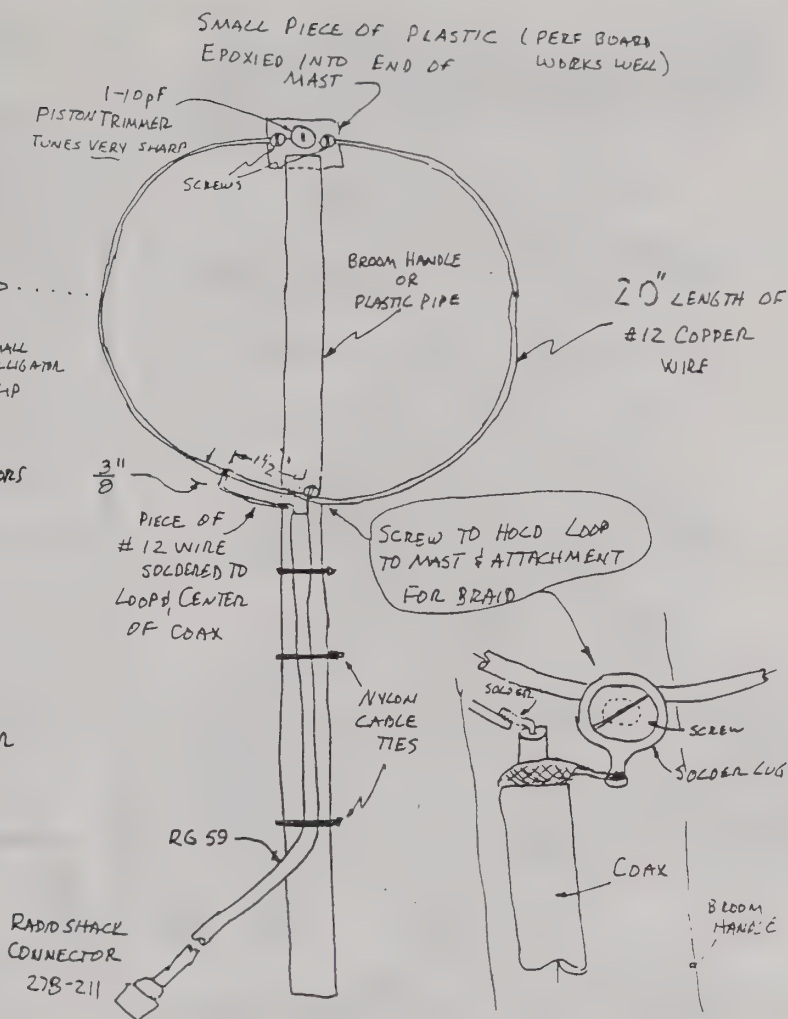
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GERRY WHITE, WB6IZE, SUGGESTS THAT YOU USE 2 #15-578 ATTN. IN SERIES WITH #278-219 DOUBLE MALE COUPLER. HOT GLUE OR TAPE BOTH TO HANDLE

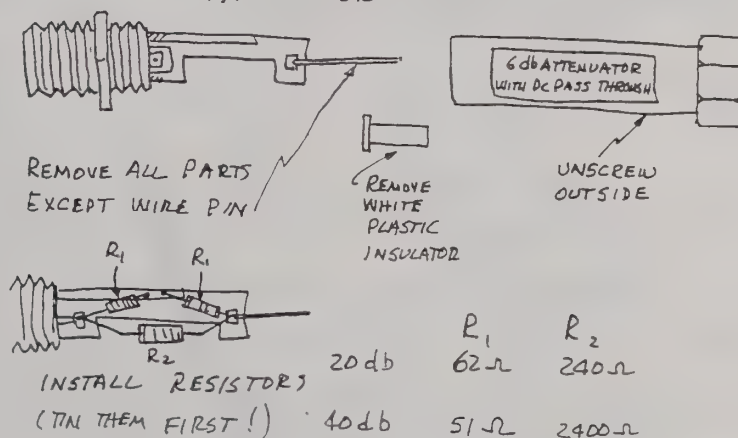
It is likely that the signal from the fox will be fairly weak. If you cannot hear the fox no matter which way you turn the antenna, give up--you can't make it.

Hold the antenna as high as you can, and away from surrounding items (trees, buildings, etc.) Rotate the loop looking for a peak reading on the S meter. This will not tell if the fox is ahead or behind. If the meter is not at its peak, clip the small vertical antenna to the loop. This makes the loop more directive. The direction of the fox should be on the side away from the vertical antenna. Once you know the direction you won't need the vertical antenna.

Continued on Page 4



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Congratulations are in order for Joe Schmidt, KC6QZP, who recently upgraded to Technician Class.

PLAN NOW FOR
 the
 CHRISTMAS PARTY

DEC. 15

Fox Hunting
 ...Continued from Page 3

As you get close and the signal is so strong that the meter shows no difference; turn the attenuator knob to bring the meter into range. Each time you get a reading, move a few steps right and left and take more readings and average them out.

Note: This a receive only antenna. Don't transmit with it! More detailed instructions are available. Check at the next Club meeting.

This is just a reminder that the 1992 dues are due and payable. Treasurer, Gordy, NU6W, would appreciate advance payments, because year-end expenses are coming due (insurance premiumms) and he can use the cash flow.

Message from the president:

Thanks to Vern Orme, AA6YE, and his committee the annual picnic was a great success. Now we look forward to our Christmas Party. I hope you plan to attend.

It's time again for the election of officers. The Election of Sam Committee under the direction of Sam Watson, N6VIF, is working hard to come up with a slate of officers. I hope you will assist the committee by serving a term or by volunteering to fill one of the many jobs that must be done to have a successful club. You are urged to participate in this endeavor. Please contact Sam with your suggestions. See you at the meeting.

73,
 Harry, WA6TNI

GENERAL MEETING MINUTES

September 13, 1991

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:02pm by President Harry Bier, WA6TNI. Harry welcomed those in attendance and introduced visitor Glen Zumwalt, KJ6EN, who is a candidate for Pacific Division Director of the ARRL. Glen spoke briefly to the group to introduce himself and make our membership aware of the ARRL balloting coming up in October. Glen described his qualifications and his goals if he is elected.

Guest Speaker: Harry introduced Jerry Boyd KG6LF, who is the Police Chief in Martinez. Jerry spoke of his background as a Ham, and his experience in emergency preparedness. He stressed the value of Amateur Radio ties with public safety agencies and described the high tech mobile command communications station that has been built for his department. Harry presented Jerry with a certificate of appreciation from EBARC after his talk.

Guests: Rigel Arsem, Rick Biagi KD6AEW, Jerry Boyd KG6LF, Don Darrow N6XLW, Mary Darrow RTD, Ray Gillett KF6FU, Richmond Harding W6/EL2BG, Gordon Dishi KD6AEY, John Staples W6BM, Ralph Vomasse, Glen Zumwalt KJ6EN, and Vicki Zumwalt N6KLS.

Secretary and Treasurer: The minutes of the July and August General Meetings and the Treasurer's Report for August were approved as published in the September Blown Fuse.

Picnic: Vern Orme AA6YE, spoke about plans for the annual Club Picnic set for Sunday, September 22. He invited everyone, members and guests. Joe Lee described activities planned and Robert Marshall N6GKY invited members to see the Railroad Museum near the picnic site at Miller-Knox Park.

Tax Exempt Status Ad Hoc Committee: Chairman Chris Baldo reported that his committee has concluded there is no compelling reason for the Club to pursue 501(c)(3) tax exempt status at this time. He recommended that we dissolve the committee and table the issue for now. A motion was made: That we table the matter at this time, and save the records for

possible use in the future. The motion was seconded and carried.

Public Service and RACES: Bob Hughes, N6SPY, is the new E.C. for West C.C. County. He encouraged people to join RACES and told about a training session set for Sat. Sept 21, at the Fire College in Walnut Creek. He also spoke about plans to participate in Tri-City Safety Day on Sept 28th, 9am-3pm, at the El Cerrito Plaza. EBARC will set up a table to publicize our Club and Amateur Radio.

Rick Muse, N6VOM reminded members of the ARRL sponsored Computer Network Conference, Sept 27-29, in San Jose at the Radison Hotel.

Bob DiSilverio KK6IJ, says he has helped edit video tape taken at our Field Day this year. He said the interesting 16 minute show will be shown later this year.

Harry told the group about an air show at Oakland Airport on October 4-6. It will be sponsored by the Confederate Air Force and will honor the Black fighter squadrons of WWII. Our club has been asked to help with crowd control and communications at this event. About 25 operators will be needed. Kit KB6JZM, will coordinate our efforts.

Education: Kit said that an upgrade class is now going on at the Richmond Red Cross. A new Novice class is yet to be announced.

The meeting was adjourned at 10:03pm and followed by the raffle drawing.

John Percival, W16o, Secretary.

*
* Christmas Party * December 15 *
*

Sam Watson, N6VIF, and his committee are now working on setting up a slate of officers for 1992. If there is anyone who would like to be considered for an office, please notify Sam.



CHARLES P. McCONNELL, W6DPD
DIRECTOR, ARRL PACIFIC DIVISION
1658 W. MESA AVENUE
FRESNO, CA 93711-1944
209-431-2038



PACIFIC DIVISION UPDATE, October, 1991

H.R. 73 - S. 1372

As of September 17, 1991, there are 135 House members signed on as cosponsors. More are needed. Please continue to write letters to your Congressman if he/she is not yet a cosponsor. As of September 17 there are 5 Senators who are cosponsors of S. 1372. Please write your Senators to urge their support and cosponsorship of S. 1372.

NEW FILM.

The new Amateur Radio film, Ham Radio in Space, will be downlinked on the Westar 5 Satellite, channel 4 transponder 4H.

MONUMENT.

At the 1991 ARRL National Convention, a monument was dedicated to Amateurs who made the ultimate sacrifice while participating in a public service event. Six Amateurs were listed. The monument will be located at ARRL Headquarters in Newington, Ct. If you know of any Amateur who made the ultimate sacrifice during the conduct of a public service event, please send the name and callsign to me or to ARRL Headquarters. This will allow the names of these Amateurs to be considered for addition to the monument.

QSL BUREAU.

If you change your callsign and receive QSL cards through the QSL Bureau System, please remember to have envelopes for each callsign on file at the Bureau for digit of your callsign. You need to send the envelopes to the Bureau in separate mailings, 1 for each callsign. This is necessary because different people sort the different letters of the alphabet. The Bureau chief does not sort the envelopes that are sent, but simply sends them to the sorter for the callsign on the top envelope. Some Bureaus will sell you envelopes if you send money and mailing labels. Check the listing in *QST* for information.

AMATEUR RADIO GROWTH.

Since January 1, 1991, the number of Amateurs has increased by more than 25,000. This increase in numbers will help us to keep our frequencies. ARRL membership has also increased. The Pacific Division ARRL membership is higher than at the end of 1990. Thanks to all the Clubs for their efforts to recruit new ARRL members.

COMING EVENTS.

1. **LIVERMORE SWAP MEET.** 1st Sunday of each month Las Positas College in Livermore, CA 7 AM to 12 Noon ALL YEAR.
2. **SIERRA HAMFEST AND COMPUTER FAIRE.** October 12, 1991, in Minden NV. Contact Ed Rogers, W6FFT for information.
3. **JAMBOREE-ON-THE-AIR.** October 19-20.
4. **INTERNATIONAL DX CONVENTION.** April 10-12, 1992 in Yisalia, CA.
5. **ARRL SAN JOAQUIN VALLEY SECTION CONVENTION** and 50th Fresno Hamfest. May 1-3, 1992 in Fresno. Contact W6YEP or WA6OIB for information.
6. **ARRL NATIONAL CONVENTION.** August 20-23, 1992, in Los Angeles. Contact W6BF for information.
7. **ARRL PACIFIC DIVISION CONVENTION.** October 16-18, 1992 in Concord. Contact Pete Tormey, N6QGN for information.

The East Bay Amateur Radio Club, Inc. founded in 1947 is a California nonprofit corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any EBARC club official listed below or write EBARC, P.O. Box 1393, El Cerrito, CA 94530.

At present, the East Bay Amateur Radio Club maintains a club station at the Richmond Red Cross, 32nd and MacDonald, Richmond. The club callsign is W6CUS. W6CUS-1 PACKET VHF/HF BBS GATEWAY, 145.09 Mhz, 223.64 Mhz. N6EEG PACKET VHS/HF GATEWAY, 10.147 Mhz, 144.97 Mhz.

1991 EAST BAY AMATEUR RADIO CLUB, INC EXECUTIVE BOARD

Harry Bier WA6TNI President	372-6755
Sam Watson N6VIF 1st VP Program Chairman	223-6408
Craig Jordan KB6EJL 2nd VP Hospitality Chairman	526-6818
Gordon Firestein KC6JAE 3rd VP Membership Chairman, Publicity Chairman	527-9382
John Percival W160 Secretary	232-8111
Gordon Parsons NU6W Treasurer, Finance Committee Chairman	785-4290
Vern Orme AA6YE Social Committee Chairman	233-4504
Bob DiSilverio KK6IJ Field Day Chairman	420-0115
Joe Lee WB6DOB W6CUS Trustee, Awards Chairman	724-0533
Rachel Lewellen KB6LHR Asst. ARES/RACES EC--CC County	233-5034
Bob Hughes N6SPY RFI Committee Chairman, Asst. Treas., ARES/RACES EC--CC County,	527-7048
Rick Muse N6VOM Digital Communications Chairman	526-7040
Dave Tyler N6DRT Public Service Chairman	525-6200
Kit Chantarotwong KB6JZM Educ. Committee Chrm., Chief Elmer	222-1810
Will Nance AA6VL Club Station Chairman	524-9231
Allen Smith AA6UX Club Historian	524-9231
Al Streit KG6HF Tax and Legal Adviser	525-5743
John Billones WD6GGC Blown Fuse Editor, Publications Chairman	237-1272
Betty Baldo KB6P Member-at Large	653-1650
Doug Cain N6JNK Member-at-Large	237-3294
Ralph Hall W6EFD Member-at-Large	232-0727
Leo Lewis WA6ZFY Member-at-Large	232-9492

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ-MHZ
East Bay Amateur Radio Club Slow CW Net	Weds	2000	21.115
East Bay Amateur Radio Club SSB Net	Weds	2100	28.395
East Bay Amateur Radio Club UHF Net	Tues	1930 (PL 127.3)	444.450
West Contra Costa County ARES/RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1920	147.48S
Contra Costa Communications Club Net	Thurs	1930	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfant/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mon-Fri	1600	145.110

The BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. The Blown Fuse welcomes articles of interest to its members and Amateur Radio in general. The Blown Fuse reserves the right to edit or reject any material submitted. Material

submitted becomes the property of the Blown Fuse. Permission is hereby granted to reproduce articles printed herewith provided proper acknowledgement is given. Publishing and layout by Editor, John Billones, WD6GGC. (Golden Gate Charlie)

Deadline for Nov. Issue: Oct. 25

WORLDWIDE DISTRIBUTION

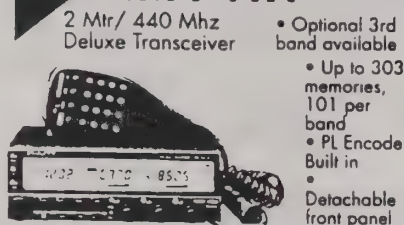


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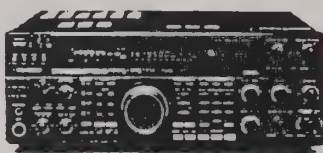
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OFFICIAL NEWSLETTER OF THE EAST BAY AMATEUR RADIO CLUB, INC.

Q
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THE BLOWN FUSE

VOLUME XLIV NUMBER 11

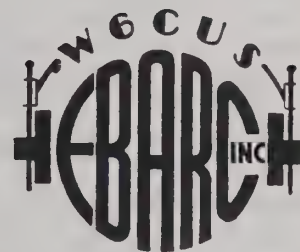
CLUB STATION W6CUS

NOVEMBER 1991

COMING EVENTS:



Nov. 8 7:15 PM ARES/RACES Meeting
8:00 PM East Bay ARC Meeting
Program: To be announced



**THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley**

**THE EAST BAY AMATEUR RADIO CLUB, Inc.
Post Office Box 1393
El Cerrito, CA 94530**

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TREASURER'S REPORT - OCTOBER 1991

OCTOBER INCOME:

Membership Renewals:

KC6FAW, N6VOM, WD6GGC,
N6WVR, KB6JZM, N6SPY,
KB6LHR, N6MNL, WI6O,
KD6AEZ.....\$200.00

Family Membership Renewal:

AA6XZ & KK6PH.....24.00

New Member: Richmond Harding

Exec. Board Donation.....21.00

Picnic Donations.....23.05

Coffee Kitty Can.....15.95

General Fund Can.....6.00

Raffle Ticket Sales.....26.00

Packet Radio Booklet Sales.....5.00

Total Oct. Income.....\$321.00

OCTOBER DISBURSEMENTS:

Blown Fuse Printing.....\$64.95

Blown Fuse Postage.....38.76

Sec. of State (Filing Fee).....5.00

Refreshments.....12.64

Dinner for Guest Speaker.....22.00

Northbrae Community Church....50.00

Total Oct. Disbursements.\$193.35

BANK OF THE WEST ACCOUNTS:

General Fund (Checking).....\$517.86

Station Fund (Savings).....\$1134.53

1991 Membership Dues are now payable. Please write your call sign on your check to facilitate book-keeping. \$20 for individual membership or \$24 for family membership.

Remember to Feed the Kitty

Gordon Parsons, NU6W
EBARC Treasurer

Again EBARC members came through in time of a disaster. During the recent Firestorm conflagration in Oakland EBARC members (as well as other hams) supplied communications for the Red Cross.

WEST CONTRA COSTA COUNTY
ARES/RACES

Thanks to all those who participated in the Tri-Cities Safety Day event on Sept. 28th. It was a great event with 21 amateurs participating and included ATV, Packet and HF. Hopefully, we will have better propagation on HF next year.

The next event coming up will be the California Special Olympics on Nov. 8th, 9th and 10th. The hours will be 1630 to 1830 on the 8th, 0800 to 1630 on the 9th and 0800 to 1230 on the 10th. We will be providing the communications for the bowling event located at the Lucky Lanes Bowling Alley in San Pablo. We will need to have at least two operators during the hours of operations. Please contact me if you wish to participate. Those of you that received the letter from the Special Olympics do not need to reply to them unless you wish to participate at another site.

Anyone wishing to participate in the SET being held Wed., Nov. 13th should also contact me as to your availability. This SET will be held after 1900 hrs and will be a "full response" type drill. The exact time and place(s) will NOT be announced ahead of time to make the SET more realistic. More at the November meeting.

For those of you that have not signed the County's ESW's form, please attend the Nov. meeting. It is now a county requirement that this form be signed each year. Anyone interested in joining ARES/RACES, please come to the meeting so I can take the photo and fingerprint.

Please check into the ARES/RACES net each Thursday evening at 1900 hrs on 145.11(-), the WD6EZC repeater.

Bob, N6SPY
Emergency Coordinator
West Contra Costa County ARES/RACES

Christmas Party

The Christmas Dinner will be on Sunday, December 15 at 6 PM. The place is Uncle Chung's, 2550 Appian Way, Pinole. The cost is \$20 per dinner. Tickets may be obtained from Joe Lee, WB6DOB. Make your checks payable to E.B.A.R.C. If you mail your check to Joe, please include a S.A.S.E. for the return ticket.

To avoid the problems we encountered last year, and in fairness to the restaurant, we are requesting that everyone have a prepaid ticket. Those who come without a ticket will have to wait until all holders of prepaid tickets are seated. (Unless it is obvious that there are enough tables available.)

Tickets are numbered for door prize drawings.

We urge everyone to get their tickets in advance so the restaurant will have an idea as to how many to expect.

SCRAP NET (packet)

What? Sonoma County Radio Amateur
Packet Net (SCRAP)

When? Every Sunday at 8:00pm local time

Where? Voice: 145.35 MHz (-) WA6YGD Rptr
Packet: 145.070 MHz

Who? Anyone/everyone interested in
amateur radio packet

How? Question/answer session; hands-on
demo of principles

Why? Better understanding, therefore
more enjoyment of our hobby

The Net starts with check-ins, then moves to Q&A on operations. For the best effect, grab a comfortable seat at your keyboard and check in on voice with a second radio.

The following items from the shack of silent key, Fred Strehlan, NW6E, are being offered for sale:

Ten-Tec Power Supply Model 255
Heathkit Antenna Tuner Model SA-2040
Realistic Dynamic Base Station
Microphone Catalog #21-1176
SS-2 Speaker
Tokyo Hy-Power RF Power Amp.
144 Mhz Model HL-32V
Ten-Tec Omni Transceiver
Model 546 Series C
Ten-Tec Microphone #215
Drake Low Pass Filter #TV-330-LP
Ringo Ranger Antenna
G5RV Antenna and Mast

All items on a "make offer" basis.
For details call Doug Cain, N6JNK, at.
237-3294.

For Sale items are listed as a service to EBARC members to put sellers in touch with buyers. Neither EBARC nor the Blown Fuse can assume responsibility for any deals made.

On Saturday, October 5 and Sunday, October 6, EBARC supplied communications for the Wings Over America Air Show at the Oakland Airport. Sharon Primbsch, AA6XZ, served as Net Control on Saturday and Joe Lee, WB6DOB, did the honors on Sunday. Harry Bier, WA6TNI, made a video tape of the event. Those who participated also enjoyed the show. Some members served on both days

Or, just monitor the voice with a scanner.

Your packet terminal is a great visual aid as we demonstrate node operations, BBS commands and parameter settings.

But... don't worry if you can't work packet while on the voice net. We'll be happy to have you join in any way you can.

73 John AL7IN and Allen W6MEO

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 Gordon West Books and Code Practice Tapes
 Larsen V.H.F. & U.H.F. Mobile Antennas & Mounts
 M.F.J. Keyers, Tuners, T.N.C.'s, Switches & Access.
 Mirage V.H.F. & U.H.F. Amplifiers
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 Yaesu H.F., V.H.F. & U.H.F. Transceivers & Accessories

Antenna Masts
 Guy Wire
 Wire Clamps
 Mast Bases
 Egg Insulators
 Dog Bone Insulators
 Center Insulators
 Copper Wire

Baluns
 Magnetic Antenna Bases
 Trunk Mounts
 Ball Mounts
 Gutter Mounts
 Code Practice Oscillators
 Code Practice Software
 S.W.L. Motors

Ground Rods
 Coax Patch Cords
 Mic Plugs & Connectors
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In Downtown Concord between Willow Pass Rd. & Concord Blvd.



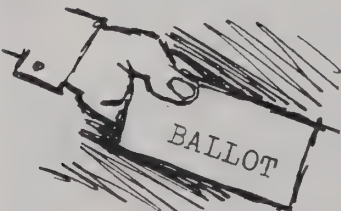
Awards Chairman, Joe Lee, WB6DOB, asks that all Committee Chairmen give him a list of their respected committee members who may be eligible for certificates.

Joe also asks that club members who have name tag hangers please turn them in to him for reassignment.

Allen Smith, AA6UX, reports that the VEC Team is in need of Volunteer Examiners for their test sessions. Advanced and Extra class licensees are eligible whether or not they have accreditation. Instant accreditation can be arranged through the ARRL. For information, call Allen at 524-9231.

A radio amateur in Peru, David Risso, WV6D, is looking for a local ham he can contact to make a phone patch to a phone number in Pinole. Anyone interested, please contact Sylvia at 758-4438 to establish a frequency and arrange a schedule.

Joe Lee, WB6DOB, has announced that he is taking orders for the yellow golf shirts. The club name, club station callsign and ARRL logo appear on the back. Your name and callsign will appear on the front over the pocket. The cost is \$19.00. \$1.00 more for extra large or extra extra large. Yellow caps with name and callsign are \$7.80. Make your checks payable to Joe Lee.



VOTE!



At the coming meeting we will be voting for the 1992 officers for the East Bay Amateur Radio Club, Inc. The nominating committee, headed by Sam Watson, N6VIF, submits the following slate:

President: Bob Uhrhammer, WB6VEX
 1st VP: Kit Chantarawatwong, KB6JZM
 2nd VP: Gary Knox, N6WVR
 3rd VP: Gordon Firestein, KC6JAE
 Treasurer: Gordon Parsons, NU6W
 Secretary: John Percival, WI6O

Further nominations will be taken from the floor.

The election of officers is an important function, so all members are urged to attend.

Prez sez...

Let's give thanks that we survived the fire. Special thanks to our members who helped and are still helping in this hour of need.

As the Holiday Season approaches, let us plan to attend the Christmas Dinner and share that wonderful evening with our loved ones and friends. This year's dinner, as in the past, promises to be an excellent affair; and please make that effort to be there.

In the mean time be prepared to assist should the need arise again at the Red Cross or wherever communications assistance is needed. Keep your batteries charged!

73,
Harry,, WA6TNI



New EBARC member, Richmond Harding, W6/EL2BG, with his family, were forced to flee from their home in Liberia with just the clothes on their backs. Until he finds employment and gets settled, he would appreciate any donations of Amateur Radio gear. Contact Richmond at the next Club meeting.

A new Novice Training Class got under way on Monday, October 21, at the Mechanics Bank Training Center in Hercules, with an enrollment of 10 prospective Hams. Sue Ludemann, KA6SOC, and Gary Knox, N6WVR, are the instructors.

Come to the next meeting and vote for your favorite officers for 1992.

1992 dues are now due and payable. See Treasurer Gordy, NU6W.

Make plans now to attend the

Christmas Party

on Sunday, December 15



CHARLES P. McCONNELL, W6DPD
DIRECTOR, ARRL PACIFIC DIVISION
1658 W. MESA AVENUE
FRESNO, CA 93711-1944
209-431-2038



PACIFIC DIVISION UPDATE. Nov. 1991

H. R. 73 and S. 1372

H. R. 73 now has 147 cosponsors. We need to put on a major effort to get the rest of the 218 cosponsors that will ensure passage of the legislation. Please write to your Congressman again and in the strongest way possible urge his/her support and cosponsorship.

S. 1372 has 15 cosponsors. Please write your Senators to secure his support and cosponsorship. Please send copies of your letters to Perry Williams and ARRL Headquarters.

Your help is needed to get the Amateur Radio Spectrum Protection Act of 1991 passed into law. We Amateurs must adopt a political stance and flex our political muscle if we are to get legislation supporting Amateur Radio passed in Congress. The politicians do listen to their constituents. Please help get H.R. 73 and S. 1372 passed by Congress.

1991 ARRL SWEEPSTAKES AWARDS.

Special awards are again being offered to participants in the 1991 ARRL Sweepstakes. See your October 1991 *QST* for details of the contest. Lapel pins may again be purchased by all participants who make at least 100 contacts in either weekend. This year coffee mugs will be available for purchase by those who make a "clean sweep" (contact all 77 ARRL/CRRL sections).

You can order your awards when you send in your contest log sheets. The awards will be shipped after the scores are published in *QST*.

CLUB NEWSLETTER CONTEST.

Club newsletter editors may wish to enter the 1991 Amateur Radio News Service (ARNS) Publication Contest. The contest is open to all Amateur Radio Organizations and membership in ARNS is not required. Complete details and an application form are available from Lee Knirko, W9MOL, ARNS President, 11 S. LaSalle St. Suite 2100, Chicago, IL 60603. The deadline to enter the contest is December 31, 1991.

NEW ARRL FILM.

The new ARRL film, "HAM RADIO IN SPACE", is available for loan for club and/or school programs. Contact your Director to schedule your date.

COMING EVENTS.

1. LIVERMORE SWAP MEET. 1st Sunday of each month at Las Positas College in Livermore, CA. 7 AM to Noon, all year. Contact WU7R for information.
2. NPSARC WINTERFEST. Sat. Jan. 18, 1992. Monterey Peninsula College Armory in Monterey. Contact KC3RL 408-663-6117 for information.
3. INTERNATIONAL DX CONVENTION. April 10-12, 1992 in Yisalia, CA.
4. ARRL SAN JOAQUIN VALLEY SECTION CONVENTION and 50th Fresno Hamfest. May 1-3, 1992, at the Airport Holiday Inn in Fresno. Contact W6YEP or WA6OIB for details.
5. ARRL NATIONAL CONVENTION. August 20-23, 1992, in Los Angeles. Contact W6BF for information.
6. SIERA HAMFEST AND COMPUTER FAIRE. October 10, 1992. Carson Valley Inn in Minden, NV. Contact Ed Rogers, W6FFT, for information.
7. ARRL PACIFIC DIVISION CONVENTION. October 16-18, 1992 in Concord. Contact Pete Tormey, N6QGN for information.

The East Bay Amateur Radio Club, Inc. founded in 1947 is a California nonprofit corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any EBARC club official listed below or write EBARC, P.O. Box 1393, El Cerrito, CA 94530.

At present, the East Bay Amateur Radio Club maintains a club station at the Richmond Red Cross, 32nd and MacDonald, Richmond. The club callsign is W6CUS. W6CUS-1 PACKET VHF/HF BBS GATEWAY, 145.09 Mhz, 223.64 Mhz. N6EEG PACKET VHS/HF GATEWAY, 10.147 Mhz, 144.97 Mhz.

1991 EAST BAY AMATEUR RADIO CLUB, INC EXECUTIVE BOARD

Harry Bier WA6TNI President	372-6755
Sam Watson N6VIF 1st VP Program Chairman	223-6408
Craig Jordan KB6EJL 2nd VP Hospitality Chairman	526-6818
Gordon Firestein KC6JAE 3rd VP Membership Chairman, Publicity Chairman	527-9382
John Percival WI6O Secretary	232-8111
Gordon Parsons NU6W Treasurer, Finance Committee Chairman	785-4290
Vern Orme AA6YE Social Committee Chairman	233-4504
Bob DiSilverio KK6IJ Field Day Chairman	420-0115
Joe Lee WB6DOB W6CUS Trustee, Awards Chairman	724-0533
Rachel Lewellen KB6LHR Asst. ARES/RACES EC--CC County	233-5034
Bob Hughes N6SPY RFI Committee Chairman, Asst. Treas., ARES/RACES EC--CC County,	527-7048
Rick Muse N6VOM Digital Communications Chairman	526-7040
Dave Tyler N6DRT Public Service Chairman	525-6200
Kit Chantarotwong KB6JZM Educ. Committee Chrm., Chief Elmer	222-1810
Will Nance AA6VL Club Station Chairman	524-9231
Allen Smith AA6UX Club Historian	524-9231
Al Streit KG6HF Tax and Legal Adviser	525-5743
John Billones WD6GGC Blown Fuse Editor, Publications Chairman	237-1272
Betty Baldo KB6P Member-at Large	653-1650
Doug Cain N6JNK Member-at-Large	237-3294
Ralph Hall W6EFD Member-at-Large	232-0727
Leo Lewis WA6ZFV Member-at-Large	232-9492

AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ-MHZ
East Bay Amateur Radio Club Slow CW Net	Weds	2000	21.115
East Bay Amateur Radio Club SSB Net	Weds	2100	28.395
East Bay Amateur Radio Club UHF Net	Tues	1930 (PL 127.3)	444.450
West Contra Costa County ARES/RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1920	147.48s
Contra Costa Communications Club Net	Thurs	1930	145.110
Oakland ARES Emergency Communications Net	Thurs	1930 (PL 77)	146.880
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mon-Fri	1600	145.110

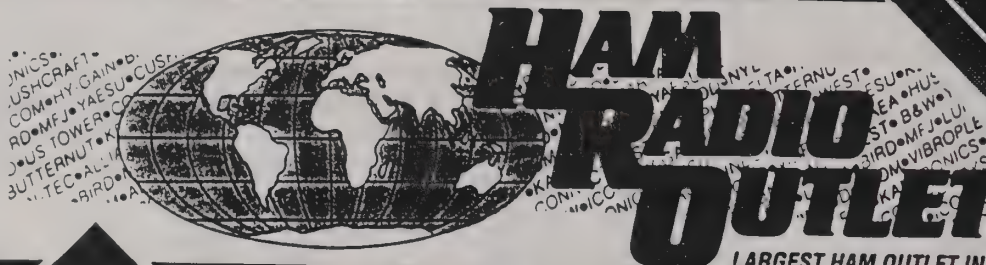
The BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. The Blown Fuse welcomes articles of interest to its members and Amateur Radio in general. The Blown Fuse reserves the right to edit or reject any material submitted. Material

submitted becomes the property of the Blown Fuse. Permission is hereby granted to reproduce articles printed herewith provided proper acknowledgement is given. Publishing and layout by Editor, John Billones, WD6GGC. (Golden Gate Charlie)

Deadline for Dec. Issue: Nov. 29

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OFFICIAL NEWSLETTER OF THE EAST BAY AMATEUR RADIO CLUB, INC.

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THE BLOWN FUSE

VOLUME XLIV NUMBER 12

CLUB STATION W6CUS

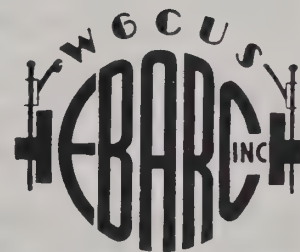
DECEMBER 1991

COMING EVENTS:



CHRISTMAS PARTY

Sunday December 15 at 6 PM
Uncle Chungs in Pinole



THE EAST BAY AMATEUR RADIO CLUB, Inc. meets at 8pm the 2nd Friday of each month
at the Northbrae Community Church, 941 The Alameda, Berkeley

THE EAST BAY AMATEUR RADIO CLUB, Inc.
Post Office Box 1393
El Cerrito, CA 94530

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GENERAL MEETING MINUTES
October 11, 1991

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:01pm by President Harry Bier, WA6TNI.

Guest Speaker: Harry introduced Don KoiJane, KC6QBT, who is President of the Perham Foundation. The Perham Foundation operated the Foothill Electronics Museum until it was forced to leave Foothill College this year. Don presented slides showing the history of radio technology developed in the Bay Area. Harry presented Don with a certificate of appreciation from EBARC after his talk.

Guests: Rick Biagi KD6AEW, Don Darrow N6XLW, Mary Darrow KC6PTD, Tom DiSilverio, Mark Duffy, and Don KoiJane KC6QBT.

Secretary and Treasurer: The minutes of the September General Meeting and the Treasurer's Report for September were approved as printed in the October issue of The Blown Fuse.

Social Committee: Vern Orme AA6YE, spoke about the very successful Club Picnic held on the 22nd of September. He thanked those who helped put on the Picnic. The Christmas Party will be held at Uncle Chung's Restaurant in Pinole on December 15th. Joe Lee has tickets now for sale at \$20.00 per person.

Public Service and RACES: Bob Hughes, N6SPY, thanked those who participated in Tri-City Safety Day on Sept 28th, at the El Cerrito Plaza. Bob announced that the California Special Olympics will be held Nov. 8, 9, and 10th. We have been asked to help with the bowling events at Lucky Lanes in San Pablo.

Digital: Rick Muse, N6VOM, spoke of problems he has encountered in developing modem control of the Club's packet BBS system. He said he will try to get help from AA4RU who lives in Gilroy. Bob N6SPY reported that he found the lowest rate for a club telephone line at the Richmond Red Cross would be \$8.35 per month.

Education: Kit announced that a new Novice class will begin October 21st, and continue on Mondays from 7pm to 9pm. The location of

the class is the Mechanics Bank building in the Northshore Business Park, Hercules. Kit said the upgrade class has continued well at the Richmond Red Cross.

Election: Sam Watson, N6VIF, chairman of the nominating committee reported the slate of candidates for office in 1992. They are Bob Uhrhammer WB6VEX for President, for 1st VP Kit Chantarotwong KB6JZM, Gary Knox N6WVR for 2nd VP, Gordon Firestein KC6JAE for 3rd VP, Gordon Parsons NU6W for Treasurer, and John Percival WI6O for Secretary. At the November meeting, any nominations from the floor may be made, and then the slate will be put to the members for a vote.

Joe Lee WB6DOB announced that he will take orders for club shirts (\$19.00) and caps (\$7.80), but he needs a good show of interest before he can place an order. He also said we still have available copies of "Introduction to Packet Radio", by WB9LOZ.

The meeting was adjourned at 9:30pm followed by the raffle drawing.

John Percival, WI6O, Secretary.

The officers for the coming year will be:

President: Bob Uhrhammer, WB6VEX
1st VP: Kit Chantarotwong, KB6JZM
2nd VP: Gary Knox, K6WVR
3rd VP: Gordon Firestein, KC6JAE
Treasurer: Gordon Parsons, NU6W
Secretary: John Percival, WI6O

They will be formally installed at the Christmas Dinner Party.

Those who are so inclined may leave donations to the Northbrae Community Church at the Christmas Party.

Also let's not forget the Salvation Army, who had supplied us with a meeting place at no charge for so many years.

GENERAL MEETING MINUTES
November 8, 1991

The regular meeting of the East Bay Amateur Radio Club was called to order at 8:16pm by President Harry Bier, WA6TNI.

Guest Speaker: Harry began the meeting by introducing the guest speaker for the evening, Steve Toquinto, KB6HOH. Steve spoke about the Army MARS program and his own involvement in it. He got into MARS in 1985 and has been a State Director for two years with responsibility for the area from Oregon south to Monterey Bay and east to the Nevada border. Steve related the history of military amateur radio programs from 1925 up to the present. MARS played a major role with the handling of messages and phone patches during 5 months of Desert Storm. Steve has applications and information about joining MARS. Harry presented Steve with a club certificate at the conclusion of the program.

Guests: Doug Albrecht N6XVJ, Ray Gillet KF6FU, Cary Gillies, and Dick Gleason WA6HYS. Chris Baldo AI6S introduced guest Clyde Regand W6CGD, who lost his home in the October 20th Oakland Hills Fire.

Secretary and Treasurer: Treasurer Gordy Parsons NU6W reported the October income and expenses and said 30 members have already paid their renewal dues for 1992. Minutes of the October General meeting will be published in December.

Social Committee: Vern Orme AA6YE, spoke about the Christmas Party set to be held at Uncle Chung's Restaurant in Pinole on December 15th. Joe Lee has tickets now for sale at \$20.00 per person. Joe said 36 tickets had been sold so far.

Club Station: Sam N6VIF said an inventory of Club Station equipment is being made. They found there were over 2,000 tubes of all kinds. A bid on these tubes will be obtained from an Oakland tube dealer. Sam also mentioned that he had a price quote of \$34 for Club jackets. He will need to get ten or more members interested before he can place an order.

Election: Harry reviewed the procedure for electing Club officers as detailed in the Constitution and Bylaws. The candidates that were nominated by Sam Watson N6VIF, and his nominating committee at the October meeting were listed again. They are Bob Uhrhammer WB6VEX for President, Kit Chantarotwong KB6JZM for 1st VP, Gary Knox N6WVR for 2nd VP, Gordon Firestein KC6JAE for 3rd VP, Gordon Parsons NU6W for Treasurer, and John Percival WI6O for Secretary. There was one nomination taken from the floor; Doug Cain, N6JNK, nominated Ralph Hall, W6EFD, for 1st VP. Harry said a paper ballot would be made by each member present indicating a choice for either Kit or Ralph for 1st VP. These ballots were then counted by Sam Watson, Gary Knox, and Joe Lee. Kit was the winner for First Vice President. The candidates for the other offices were accepted as nominated. The new officers will be installed at the December Christmas Dinner.

Life Membership: Harry reports that the Board made a study of "Life Membership" in our club. The committee had recommended, and the Board agreed, that we should discontinue giving NEW Life memberships at this time. The present Life Members will continue to be so honored.

It was asked if our Club would donate to the Northbrae Community Church as we had done in the past for the Salvation Army. It was decided that individual members who wish to do so may make donations to the Church by check mailed to our Club's P.O. Box.

Harry thanked everyone and said he had been glad to serve as President for two years.

The meeting was adjourned at 10:00pm and followed by the raffle drawing.

John Percival, WI6O, Secretary.

The Club welcomes new member:
Ray Gillett, KF6FU

TREASURER'S REPORT - NOVEMBER 1991

NOVEMBER INCOME:

Regular Membership Renewals:

WA6TNI, N6VIF, KC6OMY,
N6PXY, KG7KB, KC6QZP, W6EFD,
KB6UYP, WA6QJT, KC6JXB,
N6JGC, KC6JCQ, N6AVB, WB6VEX,
KC6ONS, NU6W, KC6VLL.....\$340.00

Family Membership Renewals:

WB6DOB & KJ6OP.....24.00
Coffee Kitty (can).....16.00
General Fund (can).....14.00
Raffle Ticket Sales.....31.00
Total Nov. Income.....\$445.00

NOVEMBER DISBURSEMENTS:

Blown Fuse Printing.....\$65.82
Blown Fuse Postage.....38.86
Dinner for Guest Speaker.....20.00
Northbrae Community Church....50.00
Gratuity for Custodian.....10.00
Hospitality Gift Plant.....12.97
Total Nov. Disbursements.\$197.65

BANK OF THE WEST ACCOUNTS:

General Fund (Checking).....\$765.21
Station Fund (Savings).....\$1134.53

When paying your dues please put your callsign on your check to help make it easier for double-checking on the membership roster. 1992 dues are \$20 for regular and \$24 for family membership.

Remember to Feed the Kitty,

Gordon Parsons, NU6W
EBARC Treasurer

Joe Lee, WB6DOB, is looking for rides to the Christmas Dinner for three blind hams. One lives in Kensington; one in Berkeley, Shattuck and University Ave; and one lives in Vallejo. Anyone who can supply this service, please contact Joe.

THE BASE STATION

Your Contra Costa Ham Radio Headquarters

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A.O.R. Ace Scanning Receivers
Bench Paddles
B. & W. Antennas, Coax Switches & Accessories
Bearcat/Uniden Scanners
Butternut Antennas
Callbooks, Maps, Guides & Supplements
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Cushcraft VHF & UHF Antennas
Hustler Mobile Antennas, Mounts & Brackets
Gordon West Books and Code Practice Tapes
Larsen V.H.F. & U.H.F. Mobile Antennas & Mounts
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Wire Clamps	Trunk Mounts	Mic Plugs & Connectors
Mast Bases	Ball Mounts	PL-259's, & N Connectors
Egg Insulators	Gutter Mounts	Headphones
Dog Bone Insulators	Code Practice Oscillators	Flexible Rubber Antennas
Center Insulators	Code Practice Software	Scanner Frequency Books
Copper Wire	S.W.R. Meters	Scanner Antennas

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Note: There will be no meeting at the Northbrae Community Church in December. Instead we will meet at the Christmas Dinner at Uncle Chung's in Pinole on Sunday, December 15.

Please get your tickets for the Christmas Dinner in advance. Joe Lee, WB6DOB, announced that those getting their tickets at the door will have to wait til 6:15 to be seated. To insure being seated with your friends, get your tickets in advance and come early. The price is \$20 for each meal. Make your checks out to EBARC. If you mail your check to Joe, please enclose a SASE.

Message from the Prez:

Merry Christmas! This is my last message as President of EBARC. I wish to thank all of you for the fine support you gave me during the two years of my term of office.

Thanks to the members who served our community after the earthquake and the Oakland fire and all of the other emergencies that occurred. Thanks to those of you who helped with the Special Olympics, the Vineman Triathlon, the various bicycle races, the air show, the special events, and firewatches.

Thanks to those who taught the novice classes and the upgrade classes, the VE's, and those who taught the school kids. Thanks to the editor and contributors to "The Blown Fuse" which is one of the best newsletters around.

Thanks to the special committees who worked so diligently on our various projects and problems. Thanks to those who supported our club monetarily. Thanks to Martha and Mel Hurley who opened their home for our monthly Executive Board meetings. A special thanks to all the officers and members of the Executive Board for their thoughtful and productive support. Thanks to all of you who came and did your bit whenever you could with good spirits and comraderie. I know you will all continue your excellent participation and support our new prez and his staff.

CHRISTMAS PARTY

**SUNDAY
DECEMBER 15
6:00 pm**

**UNCLE CHUNG'S
2550 Appian Way, Pinole**

Want Kenwood 830. Will trade
Kenwood 520 plus cash.
Chris, AI6S 653-1650

Joe Lee is taking orders for the yellow EBARC golf shirts. The club name, club station call, and the ARRL logo appear on the back. Your name and callsign appear on the front over the pocket. The price is \$19.00 per shirt. Add \$1.00 for extra large or extra, extra large.

Joe needs at least ten sign-ups before he can turn in an order. If you want to be in on the current batch, get your orders in to Joe as soon as possible.

My best personal regards to you and your families for a Happy Holiday Season. See you at the Christmas Party.

Harry WA6TNI



CHARLES P. McCONNELL, W6DPD
DIRECTOR, ARRL PACIFIC DIVISION
1658 W. MESA AVENUE
FRESNO, CA 93711-1944
209-431-2038



PACIFIC DIVISION UPDATE Dec. 1991.

PART 97.113. There have been a number of statements in the Amateur press in recent months regarding proposed changes in Part 97.113, the prohibition of business on the Amateur frequencies. The ARRL does not support opening Amateur frequencies to business communications. The ARRL does support a fine tuning of 97.113 in order to make the public service activities Amateurs have been supporting but that have been in the gray area of the rules. *THE ARRL LETTER* of Oct. 17, 1991 has a clarification of the FCC position on business on Amateur frequencies.

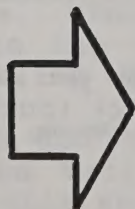
FCC MAKEUP. Congressman Ritter has introduced a bill, H.R. 3501, that would require that at least one of the FCC commissioners, at time of appointment, wither have a Bachelor of Science Degree, hold Senior Fellow status in a nationally recognized Engineering Society, or be a registered engineer. It is hoped that this would give the FCC greater ability to handle the complex technical engineering questions that will be coming before the Commission in the years to come.

H.R. 73/S. 1372. Congress will recess for winter around Thanksgiving and 69 more Representatives and 34 more Senators are needed to be cosponsors. Now is a good time to make a real push to get our Representatives and Senators to support and be cosponsors of H.R. 73 and S. 1372. Consult March and August 1991 *QSTs* for information about the legislation. You can the address of your Senator and Congressman from your local newspaper or your telephone book.

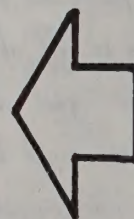
ET DOCKET 91-313. FCC has issued a Notice of Inquiry regarding radio noise generated by Industrial, Scientific, and Medical (ISM) Equipment. The notice asks for information from interested parties to assist the Commission in shaping its position on International Standards for ISM. The date for Comments is March 13, 1992 and for Reply Comments is April 13, 1992.

DIVISION CONVENTIONS. If your club would like to host the Pacific Division in 1993, 1994, or future years, get a committee together, write a proposal, and contact your ARRL Division Director.

AMATEUR RADIO GROWTH. During 1991 the number of Amateur Licenses reached 532,072, an all time high. This is an increase of 7.9% over 1990. Remember the Governments fiscal year runs from Oct. 1 to Sept. 30 and much of the growth in Amateur licenses came after Feb. 14, 1991. The biggest percent of change, 19.8%, occurred in the Technician license. In the year beginning Oct. 1990, there were 38,363 new licenses issued and 30,825 upgrades. There is still a backlog of applications to be processed at Gettysburg.



Craig Brammer, KC6OMY, instructor at John F. Kennedy High School in Richmond, is looking for volunteers to help set up their school club Amateur Radio station. He needs help setting up antennas, etc. This will take place on some Saturday to be determined later. They would also appreciate donations of misc. Amateur Radio Equipment. Anyone interested, contact Craig, KC6OMY, John, WD6GGC or Doug, N6JNK.



The East Bay Amateur Radio Club, Inc. founded in 1947 is a California nonprofit corporation comprised of amateur radio operators in Contra Costa and Alameda Counties, and is open to anyone interested in amateur radio. Annual dues are \$20 (individual) and \$24 (family). For more information, contact any EBARC club official listed below or write EBARC, P.O. Box 1393, El Cerrito, CA 94530.

At present, the East Bay Amateur Radio Club maintains a club station at the Richmond Red Cross, 32nd and MacDonald, Richmond. The club callsign is W6CUS. W6CUS-1 PACKET VHF/HF BBS GATEWAY, 145.09 Mhz, 223.64 Mhz. N6EEG PACKET VHS/HF GATEWAY, 10.147 Mhz, 144.97 Mhz.

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AMATEUR RADIO NETS

NET	DAYS	LOCAL TIME	FREQ-MHZ
East Bay Amateur Radio Club Slow CW Net	Weds	2000	21.115
East Bay Amateur Radio Club SSB Net	Weds	2100	28.395
East Bay Amateur Radio Club UHF Net	Tues	1930	(PL 127.3) 444.450
West Contra Costa County ARES/RACES Net	Thurs	1900	145.110
Northern Alameda County ARES Net	Thurs	1920	147.48s
Contra Costa Communications Club Net	Thurs	1930	145.110
Oakland ARES Emergency Communications Net	Thurs	1930	(PL 77) 146.880
"Over the Hill Gang" Breakfast/Commute Net	Mon-Fri	0710	145.110
Northern California Net VHF Session	Daily	1930	145.410
"Going Home Group"	Mon-Fri	1600	145.110

The BLOWN FUSE is published monthly by the East Bay Amateur Radio Club, Inc. and is free to its members. The Blown Fuse welcomes articles of interest to its members and Amateur Radio in general. The Blown Fuse reserves the right to edit or reject any material submitted. Material

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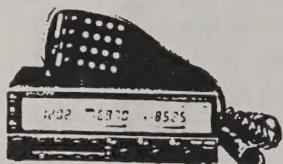
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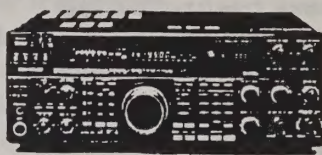
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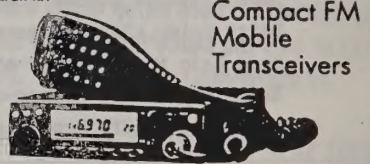
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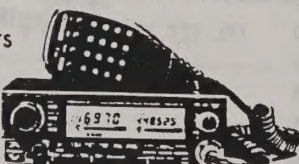


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